LOG BOOK
OF THE
U. S. Steamer "Essex"
Third Rate,
of Six Guns,

COMMANDED BY
Commander, Winfield Scott Schley, U. S. Navy,
Attached to Squadron,
Commencing October 3, 1876,
at Navy Yard Boston, Massachusetts,
and ending March 31 1877,
at Vera Cruz, Mexico

BUREAU OF NAVIGATION, NAVY DEPARTMENT, 1875.



Transcribed by Christopher Olson and Ann Merriman © 2011 Ann Merriman, Christopher Olson, Maritime Heritage Minnesota

LIST OF OFFICERS

Attached to and on board of the U. S. Str. Essex, 3^d Rate, commanded by Commander W. S. Schley , U. S. N., at the time of leaving the anchorage, at Boston, Mass the 24 day of October, 1876.

	NAME	RANK
W.S. Schley		Commander
John Schouler		Lieut. Comdr
Asa Walker		Lieutenant
John T Sullivan		и
J.K. Cogswell		и
R.G. Davenport		и
W. Kellogg		и
Wm. B. Davis		P. Asst. Surgeon
S.D. Hurlburt		" Paymaster
P.A. Rearick		Chief Engineer
Geo. B. Ransom		Asst. "
Wm. B. Dunning		Cadet "
Robt. I. Reid		u
Henry H. Stevens		u u
F.A. Dran		Boatswain
Henry Davis		Carpenter
Arthur Schley		Comds Clerk
W.P. DeBehren		Pay'mst "

LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U. S. Str Essex, 3^d Rate commanded by Comadt. W.S. Schley , U. S. N., during a cruise on the North Atlantic Station from Oct. 24th, 1876 to end of cruise April 1st, 1877.

NAME. RANK. TIME OF OCCURRENCE AND PARTICULARS.

Wm B. Dunning Cadet Engineer Nov. 11th 1876 – By order of Navy Dept.

Robt. G. Reid " " same

Henry H. Stevens " same

Henry Davis Carpenter Dec. 8th 1876. same

COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. Steamer Essex, 3rd Rate, at first commissioning

Rates. Boatswains Mates Gunners " Quarter Masters Coxswains Captains of Forecastle " " Tops " " After Guard Quarter Gunner Carpenter Mate Sailmaker Mate Armorer Captain of Hold Ships Cook	Number. 2 1 3 3 2 4 2 2 1 1 1 1 1	Rates. First Sargent Corp.s Privates	Number. 1 2 10
Cooper Carpenter and Caulker Nurse Master at Arms Yeoman Apothecary Pay Yeoman Engineer Yeoman Schoolmaster Ships Writer Tailor Painter 2 nd class Bugler Seamen Landsmen Boys Landsmen (for Eng. Dept)	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 8 15 73 12		
Machinists Copper Smith Boiler Maker First class Firemen 2 nd " " Cabin Steward " Cook Ward Room Steward " Cook Steerage Stewart " Cook Warrant Office Steward " Cook	4 1 1 1 1 1 1 1 1 1 1	The rates of coxswains, Cap Tops, will be filled by boys a	ot.s Of A.G. and two Capt.s of s acting but with the rates.

ARMAMENT

of the U. S. Str Essex, 3^d Rate

No. of Guns.	Caliber.	Description.	Weight.
341	XI inch	Smooth bore	15900 lbs
364	IX inch	u u	9165
365	u u	u u	9155
366	u u	u u	9195
368	u u	u u	9205
22	60 Pdr.	Rifle	5450

BOATS.

SMALL ARMS.

OBSERVATIONS for determining the LOCAL DEVIATION of the Standard Compass on board the U. S. S. Essex, 3^d Rate

DATE: October 20th, 1876.

PLACE: Boston Harbor, Mass.

Magnetic Variation, 10 ° W degrees

minutes, at same time and place.

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		S.E.		2° 15' E	
		S.E. by S. S.S.E. S. by E.		2° 00' E	
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		S. by W. S.S.W.		1° 30' W	
		S.W. by S. S.W.		4° 0' W	
		S.W. by W. W.S.W.		5° 0'W	
		W. by S. WEST		5° 30' W	
		W. by N. W.N.W.		5° 30' W	
		N.W by W.			
		N.W. N.W. by N.		5° 0' W	
		N.N.W. N. by W. NORTH		2° 0' W 1° 20' E	
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		E.N.E. EAST			
		E.S.E. S.E.			
		S.S.E. SOUTH			
		S.S.W.			
		S.W. W.S.W.			
		WEST W.N.W.			
		N.W.			
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OBSERVATIONS for determining the LOCAL DEVIATION of the Standard Compass on board the U.S.S

DATE: PLACE:

Magnetic Variation, degrees minutes, at same time and place.

LANDMARK OBSERVED. **BEARINGS TAKEN BY**

Name of True Magnetic Bearing by Chart or Landmark. Astronomical Observation.

STANDARD COMPASS. Ship's Head. Landmark Observed.

LOCAL DEVIATION.

LOCAL DEVIATION CORRECTED FOR VARIATION (+ OR-).

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SOUTH

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W. by S.

WEST

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W.N.W.

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Examined and found to be correct

Navigator.

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, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

At 2:00 P.M. the ship was put into Commission, Capt E. Y. McCauley, USN, Capt of the Yard, turning over the command to Commander W. Scott Schley, USN. The following officers were present – and reported for duty

Lieut. Comdr John Schouler

Lieutenant Asa Walker

Lieut. - John T Sullivan

Lieut. - J.K. Bogewell

Lieut. – R. G Davenport

Chief Engineer P.A. Rearick

Asst Engineer G.B. Ransom

Post Asst Paymaster S.D. Hurlbert

Post Asst Surgeon Wm B. Davis

Boatswain F.A. Dran

Carpenter Henry Davis

Cadet Engineer Wm B. Dunning

" Robt. I Reid

" Henry H. Stevens

John Schouler, Lt. Comdr Ex. Offcr

From 4 to 8 P.M. Clear and pleasant Navy Yard workman engaged on board. Received a portion of stateroom furniture, as crew on board Lieut. L.A. Simons reported for duty

John. T. Sullivan Lieutenant

From 8 to 12 P.M. Clear and pleasant

John. T. Sullivan Lieutenant

> Asa Walker, Lieut. Navigator.

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, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant – Bright moonlight

John T. Sullivan Lieutenant

From 4 to 8 A.M. Clear and pleasant

John T. Sullivan Lieutenant

From 8 to Merid. Cloudy, warm, misty – Fresh S[outher]ly breeze. Heavy yard workmen working on board. Some of the crew from Receiving Ship working on board. Received some Wardroom and Cabin furniture on board. Received some stores in Navigators Dept.

From Merid. to 4 P.M. Cloudy, warm, misty Fresh S[outher]ly breeze. Heavy yard workman and some of the crew from Receiving Ship working on board. Engineers were engaged in bringing coal on board for dock trial. Received some Equipment Navigators stores. 10 tons coal and filled water tanks from hydrant.

Asa Walker

Lieut.

From 4 to 8 P.M. Cloudy with light S[outher]ly wind

Asa Walker

Lieut.

From 8 to Midnight. Cloudy, misty light S[outher]ly wind

Asa Walker

Lieut.

Asa Walker Lieut.

Examined and found to be correct

Navigator.

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under the command of Commander W. Scott Schley Thursday, October 5th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Asa Walker Lieut.

From 4 to 8 A.M. . At G. started fire and made preparation for steaming. Weather cloudy, misty with light breeze from S[ou]t[h]

Asa Walker Lieut.

From 8 to Merid. Light E wind, Rainy, chilly, disagreeable. Received some Pay and Equipment stores on board. Steam on main boiler for dock trial, but blew out two man hole plates and hauled fire. Navy Yard men and some crew from Receiving Ship working on board.

Richard Davenport Lieutenant USN

From Merid. to 4 P.M. Light E wind. Rainy, chilly, disagreeable. Received some Pay, Engineers and Equipment stores. Navy Yard and men from Receiving Ship working on board.

Richard Davenport Lieut. US Navy

From 4 to 8 P.M.

From 8 to Midnight.

Asa Walker, Lieut.

Examined and found to be correct

Navigator.

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RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From mid to 4 A.M. Cloudy, damp, chilly, moonlight. Light S.E. wind

Richard G Davenport

From 4 to 8 A.M. Cloudy, damp, chilly. Light E[aster]ly wind. Washed down decks with crew from Receiving Ship.

Richard G. Davenport Lieut. US Navy

From 8 to Merid. Weather cloudy and squally. Engaged in receiving Paymaster stores, beef, pork, rice, etc. Received ordnance stores. Navy Yard workmen engaged in rigging and decks.

J K Cogswell

Cogswei

Lt

From Merid. to 4 P.M. Rainy E[aster]ly wind. Navy Yard and men from Receiving Ship working on board. Engineers Equipment and ordnance stores came on board. Received Pay and small stores.

Richard G. Davenport Lieutenant US Navy

From 4 to 8 P.M. Cloudy cool, pleasant. At 5 knocked off work. Fresh S.E. wind.

Richard G. Davenport Lieutenant US Navy

From 8 to Midnight. Cloudy cool N[other]ly wind

Richard G. Davenport Lieutenant US Navy

Asa Walker Lieut.

Examined and found to be correct Navigator.

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under the command of Commander W. Scott Schley Saturday October 7th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Cloudy

Asa Walker Lieut.

From 4 to 8 A.M. Clear and pleasant, with fresh breeze from W. At 6 started fires.

Asa Walker Lieut.

From 8 to Merid. At 8 working party from "Wabash" came on board. Engaged taking on board Pay, Ordnance, Navigation and Equipment stores. At 10-18 started engines ahead for dock trial. Weather clear and pleasant with fresh breeze from W.

Asa Walker Lieut.

From Merid. to 4 P.M. Engaged in receiving paymaster, Ordnance and Equipment stores. At 1-30 stopped the engines. Weather clear and pleasant with light breeze from N.

Asa Walker Lieut.

From 4 to 8 P.M. Clear and pleasant with light breeze from N.

Asa Walker Lieut.

From 8 to Midnight. Clear and pleasant with light breeze from N.

Asa Walker Lieut.

Asa Walker Lieut.

Examined and found to be correct

Navigator.

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Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
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under the command of Commander W. Scott Schley Tuesday October 8th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Clear and pleasant bright moonlight

Asa Walker

Lieut.

From 4 to 8 A.M. Clear and pleasant with light breeze from N.

Asa Walker

Lieut.

From 8 to Merid. At 9 loosed sails today.

John T Sullivan

Lieutenant

From Merid. to 4 P.M. Partly cloudy and cold. Furled sails at 1 o'clock

John T Sullivan

Lieutenant

From 4 to 8 P.M. Partly cloudy and cold

John T Sullivan

Lieutenant

From 8 to Midnight. Partly cloudy and cold

John T Sullivan

Lieutenant

Asa Walker,

Lieut.

Examined and found to be correct Navigator.

				WIN	IDS.		BAROME	ETER.	TE	EMPERAT	URE.	State of	Forms of	5	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.		ш												2.57		
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
Noon																
-																
Distan	ice run b	y Log	since pre	ceding No	oon						kr	nots	fati	homs.		
Latitud	de by D.	R. at	Noon	_								0			"	
Longit	ude by I	D. R. a	at Noon									0	4		"	
Latitud	de by Ob	serva	ations at N	oon 8								0	4		"	
Longit	ude by (Chron	ometer fro	m Forence	on Obsei	vations	s 8					0	4		"	
	nt during	the		kno	ts	fı	ms. per h	nour, set	tting to t	he						
time Variati	ion of th	e Con	npass by A				•		Ü			o	и		"	
			npass by A									0	и		"	
			ring the pr											a	allons.	
Water			go p.	20009		the pr	eceding	24 hours	s					9	"	
		na on	hand fit fo	or me at N											и	
			ing the pre										tons		lbs.	
			nand at No										"		"	
		•														
P,M.																
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
Mid.																
												_				
_			ometer fro			rvation	s 8					0	•		66	
			ometer Ob]			0	•		"	
			npass by A	Amplitude			ob		at Sunse	et		0			u	
Variat	ion of th	e Con	npass by					at				U	•		"	

under the command of Commander W. Scott Schley Monday October 9th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Clear and cold.

Jn. T Sullivan Lieutenant

From 4 to 8 A.M. Clear and cold. Lieut. J.A. Simone received his detachment from this vessel and orders to the U.S.S. Hartford.

Jn. T Sullivan Lieutenant

From 8 to Merid. Clear and cold N[orther]ly wind. Crew from Receiving Ship and Navy Yard workmen working on board.

Richard G Davenport Lieutenant US Navy

From Merid. to 4 P.M. Clear and cold. N[orther]ly wind. Crew from Receiving Ship engaged in scraping spars. Received some Navigators and Engineer stores on board.

Richard G Davenport Lieutenant US Navy

From 4 to 8 P.M. Clear and cold N[orther]ly wind.

Richard G Davenport Lieutenant USN

From 8 to Midnight. Clear and cold, moonlight, N[orther]ly wind

Richard G Davenport Lieutenant

> Asa Walker, Lieut.

Examined and found to be correct

Navigator.

Hour. Knots.				WIN	IDS.		BAROME	ETER.	TE	EMPERAT	URE.	State of	Forms of	S	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.		ш														
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
Noon																
Distan	ice run b	y Log	since pre	ceding No	oon						kr	nots	fat	homs.		
Latitud	de by D.	R. at	Noon									0	4		"	
Longit	ude by I	D. R. a	at Noon									0			**	
Latitud	de by Ob	serva	ations at N	oon 8								0			"	
Longit	ude by	Chron	ometer fro	m Forence	on Obsei	vations	s 8					0			u	
	nt during	the		kno	ts	fr	ms. per h	nour, set	tting to t	he						
time Variat	ion of th	e Con	npass by A	Amplitude	8 observ	ed at S	Sunrise		•			0	u		"	
			npass by A									0	"		"	
			ring the pr											a	allons.	
Water			3 - 1	3		the pr	eceding	24 hours	s					3	"	
		ng on	hand fit fo	or me at N		·	Ū								"	
			ing the pre										tons		lbs.	
			nand at No										u		"	
		-														
P,M.																
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
Mid.																
		01		4.5	<u>.</u>		•					0	,		"	
_			ometer fro			rvation	s 8					0				
			ometer Ob]			0	,		"	
			npass by A	amplitude			ob		at Sunse	et		0				
variat	ion of th	e Con	npass by					at				-			-	

under the command of Commander W. Scott Schley Tuesday October 10th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Clear and cold. Moonlight. N[orther]ly wind.

Richard G Davenport Lieutenant USN

From 4 to 8 A.M. Clear and cold N[orther]ly wind

Richard G Davenport Lieutenant USN

From 8 to Merid. Clear and cold. N[orther]ly wind. Received Ordnance Navigation and Equipment stores. Navy Yard men and crew from Receiving Ship working on board, latter scraping decks.

Richard G Davenport Lieut. USN

From Merid. to 8 P.M. Cloudy and cold. N[orther]ly wind, at 5 stopped work and sent crew back.

Richard G Davenport

Lieutenant

From 8 to Midnight. Cloudy, cold N[orther]ly wind.

Richard G Davenport Lieut. USN

> Asa Walker Lieut.

Examined and found to be correct

Navigator.

			WIND	S.		BAROMI	ETER.	1	TEMPERAT	URE.	State	Forms of		State		
Hour.	Knots	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Skv in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		ш.										٥.				
1																
2																
3																
4																
5							29.86					bc	cir	8		
6							29.86					"	u	8		
7							u					"	u	7		
8							29.88	48	46			"	"	7		
9				N.N.W.	4		30.00	52				bc	Cu.Cum	5		
10				"	4		u	u				"	"	5		
11				u	4		u	u				ш	u	5		
Noon				"	4		u	"				"	u	5		
				receding No	on						ı	knots °	fath	oms.		
	de by D.											0	•		"	
-	ude by E											0				
			ations at		01							0			"	
_	uae by C nt during		ometer t	rom Foreno								ŭ				
time				knot			fms. per h	nour, se	tting to	the						
				Amplitude			Sunrise					0	и		44	
				Azimuth		d at						0	ш		ш	
		ed du	ring the	preceding 2										ga	allons.	
Water				_	-	the p	receding	24 hour	S						"	
		-		for me at No												
				receding 24	nours								tons		lbs.	
Coarr	emamin	g on r	nand at N	10011												
P,M				N.W.by	5		30.06	52	51			bc	cir	5		
1				W "	5		"	"	"			"	u u	"		
2				ш	5		и	u	ш			"	и	"		
3				ш	4		30.08	u	"			"	ш	"		
4				44	·		00.00									
5				44												
6				ш												
7				66												
8				66												
9				ш	3		30.20	46	45			bc	cir	8		
10				ш	2		u	44	43			u	ш	9		
11				ш	3		u	42	41			"	и	9		
Mid.				ш	2		30.00	"	40			"	и	9		
l one:	ude by C	hron	ometor f	rom Afforms	on Obco	nyatio	ne A					0	•		и	
-				rom Afterno		ıvatioi	19 🕀			,		0				
_				Observations	•			non:ar]		0			"	
			npass by npass by	Amplitude			OD	served	at ouns	o c t		0			"	
vanati	ion or the	CON	iipass by					at								

under the command of Commander W. Scott Schley Wednesday October 11th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Cloudy, cold N[orther]ly wind

Richard G Davenport Lieut.

From 4 to 8 A.M. Clear and cold, light N[orther]ly wind. At 7.15 crew came on board from Receiving Ship. Crew engaged in getting ship in order.

Jno T Sullivan Lieut.

From 8 to Merid. Clear, cold Fresh N[orther]ly wind. Navy Yard workmen and crew from Receiving Ship working on board, latter engaged in scraping the decks.

Richard G Davenport Lieut.

From Merid. to 4 P.M. Clear and cold. Fresh breeze from N. Navy Yard workmen and crew on board.

Jno T Sullivan Lieut.

From 4 to 8 P.M. Clear, cool, pleasant. At 5 stopped work and sent crew back to Receiving Ship.

Richard G Davenport

Lieut.

From 8 to Midnight. Clear and cool. Light air from N.

Jno T Sullivan Lieut.

Asa Walker, Lieut.

Examined and found to be correct

Navigator.

		WINDS.			BAROME	TER.	TI	EMPERATU	RE.	State of	Forms of		State	
Hour. Knots. C	Courses steered. Direc	ction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.														
1	NN	W	2		30.35	41				b		10		
2	u		2		30.37	39				b		u		
3	u		2		30.39	37				b		"		
4	u		2		30.40	36				b		"		
5	u		3											
6	и		"											
7	u													
8	u													
9	u				30.42	40	39			b		10		
10	u		"		ш	42	41			b		u		
11	u		"		ш	44	43			b		u		
Noon	и		"		30.46	46	45			b		u		
Distance run by Log sir	nce precedin	g Noon							kn		fati	homs.		
Latitude by D. R. at No	on									0	•		"	
Longitude by D. R. at N	Noon									0	4		и	
Latitude by Observation										0	4		и	
Longitude by Chronom	eter from Fo	renoon	Observa	ations	S ⊕					0	,		и	
Current during the time		knots		fr	ns. per h	our, se	tting to t	the						
Variation of the Compa	ass by Amplit	ude 🕀 (observe	d at S	Sunrise					0	44		"	
Variation of the Compa	ass by Azimu	th ⊕ ob	served a	at						0	44		"	
Water expended during	g the precedi	ng 24 h	nours									ga	illons.	
Water			during th	ne pr	eceding 2	24 hour	S						u	
Water remaining on ha	nd fit for me	at Nooi	n										и	
Coal consumed during	the precedin	ng 24 ho	ours								tons		lbs.	
Coal remaining on hand	d at Noon									160	ш		"	
			_									_		
P,M.	NN "		3		30.33	65 "	52 "			bc "	str-cir	5		
1			3				"					9		
2	u		3 3			u						8		
3	W.		ა 2		30.38	53	52			b	и	10		
5	"		2		"	"				"	"	"		
6	u		3		ш	4	51			и	u	"		
7	u		3		30.34	52	"			и	"	"		
8	SW		3		"	"	48			b	"	10		
9	"		3		"	"	47			"	"	"		
10	u		3		"	"	"			"	"	"		
11	u		3		"	ш	u			u	"	"		
Mid.	u		-								u			
Longitude by Chronome	eter from Aft	ernoon	Observ	ation	s ⊕					0			"	
Longitude by Chronom										0			и	
Variation of the Compa					obs	served	at Suns	et		0			"	
Variation of the Compa						at				0			ш	

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Clear, cold. Light N[orther]ly breeze. Starlight and moonlight.

Richard G Davenport

Lieut.

From 4 to 8 A.M. Clear and cool. Navy Yard workmen engaged in doing odd jobs about the ship. Cleaning ship.

> J.K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light N[orther]ly airs. Navy Yard workmen on board. Crew engaged in cleaning ship. Started fire under the boilers for heating ship.

> J.K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Received the ships crew on board from the Receiving Ship "Wabash" with their accounts and descriptive lists, consisting of 22 seamen, 1 ord[inary] seaman, 32 Lds [landsmen] Mach[inists], 1 Copper smith, 1 Boiler Maker, 8 Seamen, (Eng Force) 7 ord sea, (Eng Force) Making a total of 76 men and 79 boys. Lieut. Wainwright Kellogg reported for duty on board.

> J.K. Cogswell Lieut.

From 4 to 8 P.M. Clear and cold. Light W[ester]ly airs. Mustered crew at quarters.

Jno T Sullivan

Lieut.

From 8 to Midnight. Clear and cool. Bright starlight. Moderate breeze from S.W.

J K Cogswell

Lieut.

Asa Walker. Lieut.

Examined and found to be correct Navigator.

Hour. Knots.				WINE	DS.		BAROME	TER.	TE	MPERATI	JRE.	State of	Formo		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	ē,	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds by symbols	, 10 th	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				NW	1	3	30.32	49				bc	cir	6		
2				44	1	"		"				44	"	7		
3				44	1	"		"				66	"	u		
4				"	1	3	30.30	48				**	u	u		
5				и		3	30.28	"				"	cir str	- 8		
6				u		3	30.27	u				"	"	9		
7				44		3	30.26	50				ш	44	u		
8				W	1	3	30.25	52				44	u	u		
9				44	2	3	30.22	55				66	Ste	u		
10				44	u	3	30.20	"				b	u	10		
11				44	u	"		60				b	u	u		
Noon				"	"	"		u				"	"	"		
Dietan	ce run by	, Loa	since pre	ceding No	on						L	nots		fathoms.		
	le by D. F	-		ccuring 140	011						K	0		,	и	
	ude by D.											0			ш	
			tions at N	oon ⊕								0			и	
				m Foreno	on Obser	vations	(0			ш	
-	nt during t			knot				our co	tting to t	ho						
time	an af tha	Cam	b /					ioui, se	ung to t	iic		0		"	"	
				Amplitude			unrise					0				
				Azimuth ⊕		at								_		
Water	expende	a aur	ing the pr	receding 24		the pro-	oodina	24 hour	•					(gallons. "	
	romoinin	a on	hand fit fo	or mo at Ne		trie pre	ceuing	24 HOUI	5						u	
				or me at No eceding 24								1	tons	635	lbs.	
			and at No		Hours							158	"	1605	ius.	
Coarre	cinaliling	OHH	and at No	JOH								130		1005		
P,M.				W "	1		30.16	61	62			b		10		
1					"		30.12	"								
2				"	"		30.11		u			u		"		
3 4				44	ш		30.10 30.12	62 61	60			u		и		
5				44	ш		. 12	"	"			u		и		
6				4	"	"		60	55			44		"		
7				"	"	"		"				44		"		
8				и	u			59	58 56			ш		u		
9				u	"			58	55			bc	cir	9		
10				u	"			57	54			"	"	9		
11				44	"			"	"			ш	"	9		
Mid.				u	"							ш	ш	"		
wiiu.																
Longitu	ude by C	hrono	meter fro	m Afterno	on Obser	vations	⊕					0		•	и	
Longitu	ude by C	hrono	meter Ob	oservations	S]			0			"	
Variati	on of the	Com	pass by A	Amplitude			ob	served a	at Sunse	et		0			"	
Variati	on of the	Com	pass by					at				0		4	44	

under the command of Commander W. Scott Schley Friday October 13th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Clear and cool. Light air from the N.W.

Jno T Sullivan Lieut.

From 4 to 8 A.M. Clear, cool, pleasant. Moderate N[orther]ly wind

Richard G Davenport

Lieut.

From 8 to Merid. Pleasant weather, clear. At 9.30 inspected all quarters and stationed gun crews.

J K Cogswell Lieut.

From Merid. to 4 P.M. Clear, cool, pleasant. Light W[ester]ly winds. Received some stores in Equipment Dept. Rec[eived] some Paymaster stores. Navy Yard workmen engaged working on board. P. A. Paymaster S D Hurlbert left the ship on a three days leave of absence.

Richard G Davenport Lieut.

From 4 to 8 P.M. Clear and cool. Light airs from the W. Mustard at quarters at 5.45.

J K Cogswell Lieut.

From 8 to Midnight. Clear, cool, damp. Light W[ester]ly wind. Heating ship with steam, two main boilers.

Richard G Davenport Lieut.

> Asa Walker, Lieut. Navigator.

Examined and found to be correct

		WINDS. BAROMETER. TEMPERATURE. Knots Courses		JRE.												
Hour.	Knots	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1 1				Calm	0		30.13	50	51			be	cir ste	10		
2				"	"		"	"	"			"	"	8		
3				и	"		ш	"	"			u	"	6		
4				и	"		ш	"	"			u	"	5		
5				u	u		30.40	50	45			u	cir	7		
				u			30. 4 0	"				ш	Cum "			
6									47					6		
7				u				49	49				"	3		
8					u			50	55					"		
9				SW "	"		30.08	52	52							
10				u			30.02	56	53					"		
11 Noon				u	"		30.04	58	55					"		
					-		30.30	60	59							
Distant			-:								1.	4-	4-	41		
				ceding No	OH						K	nots °	la ,	thoms.	u	
	e by D. F											0			4	
-	ide by D			00n (I)								0			4	
			tions at N	m Foreno	on Ohoo	nuotio	20 (I)					0			u	
_	t during		Jilleter IIO													
time				knot			fms. per h	nour, se	tting to	the						
				Amplitude			Sunrise					0		4	u	
				Azimuth ⊕		d at						0	,	4		
	expende	d du	ring the pr	eceding 24										g	allons.	
Water						the p	receding :	24 hour	S						u	
		-		or me at No												
				eceding 24	hours							1	tons	290	lbs.	
Coal re	maining	on h	and at No	on								157	" .	1315		
													cir			
P,M.				SW	4		29.95	65	65			be	Cum	3		
1				u	6		29.90	"	64			og	44	0		
2				u	4		29.88	u	"			ш	ш	"		
3				ш	5		и	u	a			и	"	"		
4																
5																
6																
7																
8																
9																
10																
11 Mid																
Mid.																
Longitu	ida by C	hron	nmater fro	m Afterno	on Obso	nystic	ne 🕀					0			"	
-	•			servations		ı valiU	113 ⊕		,	ı		0		,	"	
-	•		pass by A		•		a h	served a	et Suns			0		,	"	
			ipass by <i>F</i> ipass by	pii.uue			OD		at JuliS	oct.		0		,	"	
variatio	אוו טו נוופ	COIT	ihass nà					at								

under the command of Commander W. Scott Schley Saturday October 14th, 1876.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Clear, cool and calm.

J K Cogswell Lieut.

From 4 to 8 A.M. Weather cool and pleasant with light mists during first part of watch. Overcast and misty latter part.

Wainwright Kellogg

Lieut.

From 8 to Merid. Cloudy, cold. Cir Cum clouds. Light S.W. wind.

Richard G Davenport

Lieut.

From Merid. to 4 P.M. Weather during first part of watch clear and pleasant, latter part overcast with fresh breeze from S. and W.

Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Overcast, cool, damp. Moderate S.W. wind. Cir Cum clouds.

Richard G Davenport

Lieut.

From 8 to Midnight. Weather overcast but pleasant, with fresh breeze from S. and W. first part of watch. N latter part.

Wainwright Kellogg

Lieut.

Asa Walker, Lieut.

Examined and found to be correct Navigator.

				WIN	DS.	В	AROME	TER.	TE	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	1	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.		_														
1				N	3	29.	45	61	50			or	Nimb	0		
2				"	"	29.		60	u			"	"	"		
3				"	"	"		59	ш			"	u	"		
4				44	"	29.	90	60	и			ш	"	"		
5				NNE	1-3	u		44	41			ogs	u	"		
6				"	"	"		u	40			"	u	"		
7				"	ш	"		u	ш			ш	u	"		
8				u	и	29.	92	"	и			ш	u	"		
9				44	3	u		43	и			44	Nimb Cum	"		
10				4	"	u		u	ш			"	"	"		
11				"	"	"		"	и			"	"	"		
Noon				44	u	u		"	ш			44	ш	"		
Distan	ce run by	/ Log	since pre	ceding No	on						k	nots		athoms.		
	le by D. F											0		4	"	
	ude by D											0		•	и	
			tions at N									0		•	u	
_	ude by C it during		ometer fro	m Foreno	on Obser	/ations ⊕						0		•		
time	it during	uic		knot	S	fms.	per h	our, se	tting to t	he						
				Amplitude			ise					0		ш	и	
				Azimuth ⊕		at						0		ш	ш	
	expende	d dur	ring the pr	eceding 2										Ç	gallons.	
Water					_	the prece	ding 2	24 hour	S							
				or me at N									tono	1040		
			and at No	eceding 24	nours							156	tons "	1840 1715	lbs.	
Court	ornaming	01111	and at 140	.011								100		1710		
P,M.				NNE	3-2	29.	92	44	36			ogs	Nimb	0		
1				"	2	"		u	ш			og	u	"		
2				NNW	2-5	u		"	ш			fog	Cum Nimb	4		
3				44	3-5	"		"	ш			44	Cum	0		
4				ш	4-6	"		u	35			bc	Cu	5		
5				"	44	"		"	ш			"	Cum "	6		
6				ш	и	"		u	ш			44	u	"		
7				"	ш	u		"	и			"	u	"		
8				"	"	"		u	ш			u	u	7		
9				44	44	u		"	ш			44	u	8		
10				u	"	29.	94	"	"			u	"	10		
11				u	и	u		"	ш			f	u	"		
Mid.				u	"	29.	96	"	"			u	"	"		
				m Afterno		vations ⊕			_			0			u	
				oservation	S]			0			"	
			pass by A	amplitude			obs		at Sunse	et		0				
variati	UII UT THE	Com	pass by					at				•				

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, rainy, cold, disagreeable. Nimb clouds. Moderate N[orther]ly wind.

(Signed) Richard G Davenport

Lieut.

From 4 to 8 A.M. Light squalls from N and E. Overcast. Commenced scouring at 5.30 and continued during watch.

(Signed) J F Sullivan

Lieut.

From 8 to Merid. Weather cold, overcast with slight fall of snow during watch.

(Signed) W Kellogg

Lieut.

From Merid. to 4 P.M. Snowing lightly and overcast. First part of watch with fresh squally wind from N and E, shifting to S and W, with cold clearing weather. Commenced distilling at 1 o'clock (Signed) J.F. Sullivan

Lieut.

From 4 to 8 P.M. Clear, cold and pleasant. Wind from N & W. Peter Franks (2.M.) Dennis J Downing (B.M.) Charles Green and Oscar Hawtell (2.M.) absent without leave.

(Signed) W. Kellogg

Lieut.

From 8 to Midnight. Clear and cold. Wind fresh in squalls from the N and W. Stopped distilling at 11 o'clock.

(Signed) J.F. Sullivan Lieut.

Asa Walker, Lieut. Navigator.

Examined and found to be correct

				WIN	DS.	ВА	ROMETE	R.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway. in inche		Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.		_														
1				NW	5	29.9	6	45	39			be	Str	7		
				"		20.0		"				ű.	Cum "	"		
2				u	6			"	40					"		
3				"	3	29.9	O	"	"					"		
4						20.0		"				ш	04-	"		
5				West "	1	30.0	U		41 "			"	Str "			
6				"	2	"		43 "						8		
7				"	"	"			44				"	"		
8								46	48			-	 Cir			
9				NNW	4-7	29.9		48	44			44	Cum	"		
10				ш	"	и		44	"			ш	ш	"		
11				"	"	u		49	u			"	"	u		
Noon				44	ш	ш		51	49			u	ш	"		
Distan	ice run by	/ Log	since pre	ceding No	on						k	nots		homs.		
	de by D. F											0	4		и	
	ude by D											0	4		и	
			tions at N									0	•		и	
-			ometer fro	m Foreno	on Obser	vations ⊕						0	4		и	
time	nt during	tne		knot	s	fms. p	er ho	ur, se	tting to t	the						
Variati	ion of the	Com	pass by A	Amplitude	⊕ observe	ed at Sunri	se					0	ш		и	
Variati	ion of the	Com	pass by A	Azimuth ⊕	observed	at						0	ш		и	
Water	expende	d dur	ing the pr	eceding 2	4 hours									g	allons.	
Water					during	the preced	ing 24	hour	rs						u	
Water	remainin	g on	hand fit fo	or me at N	oon										"	
Coal c	consumed	d duri	ng the pre	eceding 24	hours								tons		lbs.	
Coal re	emaining	on h	and at No	on									ш		u	
P,M.						29.9							Cir			
1				West	4-5	и		49				fog	Cir Cum	6		
2				"	"	u		"				ш	ш	7		
3				44	"	и		50				44	ш	5		
4				44	"	и		"				44	ш	u		
5				44	"	и		"				44	ш	u		
6				4.	3-4	u		"				"	"	"		
7				ш	"	29.9	2	ш				44	ш	u		
8				u	2-4	29.9	1	44				ш	"	"		
9				"	3	29.9	0	33	52			bc	Cum	6		
10				"	2	u		"	"			u	"	"		
11				u	u	u		"	"			"	ш	"		
Mid.				es	u			"	ш			es	ш	"		
Longit	ude by C	hrono	ometer fro	m Afterno	on Obser	vations ⊕						0	•		"	
Longit	ude by C	hrono	ometer Ob	servation	S]			0			"	
Variati	ion of the	Com	pass by A	Amplitude			obse	rved	at Suns	et		0			"	
Variati	ion of the	Com	pass by					at				0	•		и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool and pleasant. Fresh breeze from N. and W.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 A.M. Cool and calm. Light breeze from the W.

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. Clear and cold. Blowing fresh in squally from N. and W. Inspected crew at quarters. James McCarty 1st C.F. is absent without leave.

(Signed) J.T. Sullivan

Lieut.

From Merid. to 4 P.M. Weather cool and clear. Strong wind from the W. Squally.

(Signed) J.K. Cogswell

Lieut.

From 4 to 8 P.M. Clear and cool. Wind moderating.

(Signed) J.T. Sullivan

Lieut.

From 8 to Midnight. Weather cool and cloudy. Wind from the W. in occasional squalls.

(Signed) J.K. Cogswell

Asa Walker,

Lieut.

Examined and found to be correct Navigator.

Hour. Knots. Courses		WINE	os.		BAROMI	ETER.	TI	EMPERAT	URE.	State of	Forms of		State			
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				wsw	3		29.92	51				0	Cum	0		
2				ш	ш		u	u				"	Nimb "	u		
3				ш	u		u	"				u	ш	"		
4				"	u		u	"				u	44	"		
5				ш	3-5		29.90	"				"	ш	"		
6				44	и		29.88	"				и	44	u		
7				"	"		29.86	54				ш	44	"		
8				"	u		29.84	56				"	44	"		
9				NW	и		29.84	55				bc	ш	3		
10				44	u		"	53				ш	44	u		
11				"	u		u	"				u	44	5		
Noon				"	u		29.85	"				u	44	"		
Distanc	ce run by	y Log	since pre	ceding No	on						k	nots		athoms.		
Latitud	e by D. I	R. at	Noon									0		•	ш	
	ide by D											0		•	ш	
			itions at N									0		4	ш	
_			ometer fro	m Foreno	on Obse	rvation	ns ⊕					0		4	ш	
time	t during	tne		Knot	s		fms. per l	nour, se	tting to	the						
Variation	on of the	Con	npass by A	Amplitude (⊕ obser	ed at	Sunrise					0		"	"	
Variation	on of the	Con	npass by A	Azimuth ⊕	observe	d at						0		"	u	
Water	expende	ed du	ring the pr	receding 24	4 hours									g	allons.	
Water					during	the p	receding	24 hour	s						u	
				or me at No											и	
				eceding 24	hours							3	tons "	405	lbs.	
Coal re	emaining	on h	and at No	oon								151	и	2010	u	
P,M.																
1				NW	3		29.85	55	53			bc	Cum	2		
2				"	4		29.86	54	52			"	Cir Cum	4		
3				"	"		29.88	53	50			"	44	7		
4				ш	44		29.91	"	51			u	cir	8		
5				ш	3-4		29.95	52	52			u	ш	"		
6				44	3		29.98	"	49			"	44	9		
7				44	2		30.00	51	48			b	44	10		
8				44	u		u	u	47			ш	"	u		
9				ш	и		30.02	"	46			bc	ш	9		
10					u		30.05		50			"		"		
11					u		30.06					"				
Mid.				и	и		30.05	"	51			ш	ш	u		
l cast	ido bir O	hrar	omotor f	m Aftern -	on Ohr-	n (otic	20 (I)					0		4	ш	
-				om Afternoons oservations		ıvatioi	19 🕀		,			0		4	"	
•	•				•		مام	convod] at Suns			0			u	
			npass by <i>F</i> npass by	Amplitude			OD	sei ved	at ouris	Cι	o+					0 " "
variatio	טוו טו נוופ	Con	ihass nà								at					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Overcast. Moderate breeze from the S. and W. Stopped distilling at 12 o'clock.

(Signed) J.T. Sullivan Lieut.

From 4 to 8 A.M. Cold. Damp. Overcast. Disagreeable. At 4.30 lighted fire under four more main boilers. At 6 commenced distilling. Ships draft 13 feet 8 in. forward and 16 feet aft. Moderate W[ester]ly wind, cum nimb clouds. At 7.40 Pilot came on board, got ship moorings ready for slipping.

(Signed) Richard G Davenport Lieut.

From 8 to Merid. Weather cool and cloudy. Moderate breeze from the W. At 8.40 steamed out from the wharf and anchored off the Navy Yard in five fathoms of water, with (30) thirty fathoms port chain. Received powder, shell and small arm ammunition. Ships draft forward, fourteen feet 3 in. Amidships, fourteen feet 9 in. Aft, sixteen feet. At 9 banked fires.

(Signed) J.K. Cogswell Lieut.

From Merid. to 4 P.M. Clearing. Cool. Pleasant. Cir. cum clouds. Moderate N.W. wind. At 12.15 stopped distilling. Mended first of light sails. Finished stowing magazine and shell rooms. Banked fires under six main boilers. Distilling. Riding to wind. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Weather clear and cool. Mustered at quarters at 5.30. Swung to flood tide at 7.

(Signed) J.K. Cogswell
Lieut.

From 8 to Midnight. Clear. Cold. Bright starlight. Moderate N.W. wind. Several bright meteors passed over from E.S.E. Rising to flood. Slack water at 11.40. Banked fires under six main boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.

Examined and found to be correct Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Boston Mass

				WINI	DS.		BAROME	TER.	Т	EMPERATI	JRE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				Calm	0		30.10	51	47			bc	Cir	8		
2				и	и		u	u	и			ш	"	"		
3				и	и		и	"	u			44	44	u		
4				u	и		и	и	ш			ш	"	"		
5				NNW	4		30.14	44	44			ш	Cir Cum	"		
6				u	u		"	"	"			ш	"	"		
7				и	и		30.16	45	46			44	44	u		
8				и	"		30.18	46	"			44	"	9		
9				и	ш		30.17	47	47			bc	**	10		
10				u	3-5		30.16	49	49			44	u	u		
11				и	и		30.15	50	50			ш	"	"		
Noon				ш	ш		30.14	53	53			"	и	"		
Distan	ce run b	y Log	since pre	eceding No	on						k	nots	fa	thoms.		
	de by D. I			ŭ								0		4	ш	
	ude by D											0		4	"	
Latitud	de by Ob	serva	itions at N	loon ⊕								0		4	ш	
Longit	ude by C	Chron	ometer fro	om Foreno	on Obse	rvatio	ns ⊕					0		4	"	
Currer time	nt during	the		knot	s		fms. per h	our, se	tting to	the						
	on of the	e Con	npass by A	Amplitude	⊕ observ	ed at	Sunrise					0		64	ш	
Variati	on of the	e Con	npass by /	Azimuth ⊕	observe	d at						0		64	ш	
Water	expende	ed du	ring the pi	receding 2	4 hours									g	allons.	
Water					during	the p	receding	24 hour	s						u	
Water	remainir	ng on	hand fit fo	or me at N	oon										и	
Coal c	onsume	d duri	ing the pre	eceding 24	hours							2	tons	1960	lbs.	
Coal re	emaining	on h	and at No	oon								149	"	50	и	
P,M.																
1				NW	3		30.12	55	55			bc	Cir Cum	9		
2				и	ш		"	"	"			"	"	"		
3				и	u		"	u	**			u	Cir	"		
4				и	и		30.14	u	56			"	**	"		
5				NNW	"		"	56	"			b	и	10		
6				и	2		ш	54	58			u	"	"		
7				и	"		30.15	56	57			"	"	"		
8				u	и		30.16	55	56			u	"	"		
9				Calm	0		"	53	54			bc	"	9		
10					"		"	50	50			"	u	u		
11					"		30.18	48	48			"	"	"		
Mid.				ш	"		30.19	47	46			ш	и	"		
Longiti	ude by C	hron	ometer fro	om Afterno	on Ohea	rvatio	ns ⊕					0		4	"	
				bservation					1			0			u	
				Amplitude			ob	served	ر at Suns			0		•	"	
			npass by					at				0		4	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From Mid to 4 A.M. Weather clear and cool. Calm. Riding to the ebb tide.

(Signed) J.K. Cogswell Lieut.

From 4 to 8 A.M. Clear, cool and pleasant weather, with light breeze from N. and W. Tide changed flood at 7.30.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear, cool, pleasant. Fresh puffs from N.N.W. and W.N.W. Field day. Riding to flood. Banked fires under six main boilers. Distilling. Received (11) eleven boxes of candles in Paymasters Department. Slack water at 11.45. Draft forward, fourteen feet five inches. Draft amidships, fifteen feet. Draft aft sixteen feet two inches.

(Signed) Richard G Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant weather, with light breeze from N and W. Ship swings to ebb tide at 12.05.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Cool. Pleasant. Light W.N.W. wind. At 4.50 lighted fire under the two remaining main boilers. At 5.15 mustered crew at quarters and found Wm Devoie (B.Maker) absent without leave. At 7.20 swung to flood.

(Signed) Richard G Davenport Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Calm. Ship riding to flood tide during watch.

(Signed) Wainwright Kellogg

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Boston Mass

				WINI	DS.		BAROME	TER.	Т	ΓΕΜΡΕRΑΤΙ	JRE.					
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1 1				West	2		30.22	48	45			b		10		
2				"	"		"	47	"			"		"		
3				"	"		30.23	46	44			**		"		
4				ш	"		30.24	"	и			**		"		
5				44	1		"	"	ш			44		"		
6				44	1		30.26	u	ш			66		"		
7				44	1		30.28	u	45			ш		"		
8				44	1		30.30	u	и			44		"		
9				Calm	0		u	u	46			bc	Cir	9		
10				"	"		"	47	48			**	Cum "	"		
11				ш	u		u	48	50			"	"	"		
Noon				ш	u		u	"	52			"	"	"		
•																
Distance	e run by	/ Log	since pre	ceding No	on						k	nots	fa	thoms.		
Latitude	by D. F	₹. at	Noon									0			ш	
Longitue	de by D	. R. a	t Noon									0			"	
Latitude	by Obs	serva	tions at N	oon ⊕								0			"	
Longitud	de by C	hron	ometer fro	m Foreno	on Obse	rvatio	ns ⊕					0	4		u	
Current time	during t	the		knot	s		fms. per h	our, se	tting to	the						
	n of the	Com	pass by A	Amplitude	⊕ obser	ved at	Sunrise					0	66	4	u	
Variatio	n of the	Com	pass by A	Azimuth ⊕	observe	d at						0	66	4	u	
Water e	expende	d dui	ring the pr	receding 2	4 hours									g	allons.	
Water					during	the p	receding	24 hour	s						"	
Water re	emainin	g on	hand fit fo	or me at No	oon										и	
Coal co	nsumed	l duri	ng the pre	eceding 24	hours							6	tons	1625	lbs.	
Coal rer	maining	on h	and at No	oon								142	" 6	665	u	
P,M.																
1				SE	01		30.28	52	54			b		10		
2				u	1		u	56 "	56					"		
3				"	2		30.26	"								
4					3		30.24					u		"		
5				WSW "	2		30.22	u	ш				Cir			
6								-				bc	Cum	9		
7				u	1		30.25	54	54			и	44	"		
8				u	1		"	53	53			er	ш	"		
9				Calm "	0		и	и	и			u	es .	"		
10								u	u			b		10		
11				S by W	1											
Mid.				**	1		30.26	"								
l a	da bii Ci	hue		A &	an Ob -		~~					0			"	
-	-			m Afterno		ıvatıo	ns 🕁			,		0		,		
-	-			oservation	S]		0		,		
				Amplitude			ob	served	at Suns	set		0				
variatio	n of the	Com	pass by					at				-			-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Bright starlight. Light W. wind. At 1.15 swung to ebb. Banked fires under main boilers. Distilling.

(Signed) Richard G Davenport Lieut.

From 4 to 8 A.M. Clear and cool. Light W[ester]ly airs. Swung to flood tide at 7.30.

(Signed) J.T. Sullivan Lieut.

From 8 to Merid. Weather clear and pleasant. Calm. At 10, hove in to 15 fathoms on port chain and made preparations for sea. At 10.30 a board of officers consisting of Capt E.Y. McCaulay, Chief Engineer Chester H. Lowing, Lieut. Commd. George F. Davis and S.A. Engineer Butterworth came on board to witness the trial trip of this vessel over the measured mile. At 11 o'clock called all hands up anchor. At 11.35 got under way and steamed down the harbor in charge of pilot. Ord. Sea. Zachman came on board and was placed under arrest for absence without leave by order of Commd. Officer.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear and cool. Calm and light S.E[aster]ly airs. At 12.45 came to with port anchor, swing to 30 fathoms chain in 8 1/2 fathoms water. Obliged to anchor on account of hot bearings and quadrant chains bin jammed. At 2.15 got under way again.

(Signed) J.T. Sullivan Lieut.

From 4 to 8 P.M. Weather clear and pleasant. Light airs from W.S.W. at 4.15 came to with port anchor off Navy Yard in 6 fathoms water and veered to 30 fathoms of chain. At 4.30 the board of officers to witness trial trip left the ship. At 7.30 ship swung to flood tide.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and cool. Calm and light S[outher]ly airs.

(Signed) J.T. Sullivan Lieut.

Asa Walker, Lieut.

Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Boston Mass

				WINE	os.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				WSW	2		30.24	50	50			bc	Cir Cum	9		
2				44	ш		u	u	**			44	"	ш		
3				ш	u		"	u	"			44	и	"		
4				44	u		"	u	"			44	и	u		
5				"	"		30.22	51	"			44	Cir Ste	6		
6				44	"		"	52	51			ш	ű.	9		
7				"	"		"	"	"			ob	ш	0		
8				"	"		"	"	"			ш	u	"		
9				44	u		"	u	54			44	Cum	u		
10				и	"		"	54	"			ш	ш	"		
11				"	u			58	56			44	u	u		
Noon				44	"		"	"	57			66	ш	"		
Dietan	oce run b	v I oa	since pre	eceding No	on							knots		fathoms.		
	de by D. I			cealing ivo	OH						'	0		, iau ioi i i s	ш	
	ude by D. I											0		4	ш	
			tions at N	loon ⊕								0			ш	
				m Foreno	on Obser	vations	· ⊕					0		4	и	
Currer	nt during			knot				hour se	tting to	the						
time Variati	ion of the	Com	inass hv	Amplitude					ruing to			0		ш	и	
				Azimuth ⊕			umoc					0		"	ш	
				receding 2										c	allons.	
Water						the pre	eceding	24 houi	rs						"	
Water	remainir	ng on	hand fit fo	or me at No	_		·								"	
Coal	consume	d duri	ng the pre	eceding 24	hours							7	tons	1685	lbs.	
Coal r	emaining	on h	and at No	oon								135	"	1220	и	
P,M.																
1 ,.v				SW	2		30.18	60	62			00	Cir	0		
					3							oc "	ste "	"		
2				ш	ى "		30.13	62	64 65			и	и	"		
4				"	u		30.13	u	"			u	u	"		
5				44	"		"	"	"			u	ш	"		
6				"	u			"	63			ш	u	u		
7				"	"		"	61	60			и	ш	"		
8				ш	"		"	ш	57			ш	ш	"		
9				Calm	0		30.15	56	55			bon	ш	"		
10				44	u		u	u	и			bw	u	10		
11				"	"		"	"	и			u	и	"		
Mid.				u	"			u	ш			ш	es	"		
		No.		A.F.	0'	4!						0		,		
-				om Afterno		vations	((+)					0				
				bservations	5			oor o	ot Supo			0			"	
				Amplitude			ob		at Suns	et		0			"	
variati	ion of the	: com	ipass by					at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear cool and pleasant with light air from S. and W. At 1.15 ship swung to ebb.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Weather became overcast and foggy at 6.30. Riding to ebb. Slack water at 7.

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. Overcast. Light W[ester]ly airs. Brought to our port chain and hove short 10.15. At 10.30 board of officers to witness trials came on board. At 10.55 got underway. Draft forward 14 feet. Amidships 15 feet. Aft 16 feet. Listed two degrees to starboard.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Made trial trip over a measured course of 1.42 miles and developed a mean maximum speed of 10.18 miles per hour. Sea smooth, light breeze from S.W. Swung ship for deviation of compass. At 3.30 anchored off the Navy Yard in 5 fathoms of water with 30 fathoms on starboard chain. Found forward "Rock Shaft" of main engine sprung. Weather overcast.

(Signed) J.K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Light S. W[ester]ly airs. Hauled fire from under all the boilers at 5.20. Slack water at 7.30.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather hazy. Calm. Swung to the flood tide at 8.30.

(Signed) J.K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Boston Mass

				WINI	DS.		BAROME	ETER.	TE	EMPERATI	JRE.	State of	Forms of	<u>.</u> .	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				Calm	0		30.12	55	55			bc su	Cum	5		
2				44	u		"	"	"			"	66	4		
3				44	и		u	44	"			"	44	"		
4				44	ш		44	"	"			"	44	"		
5				44	и		и	44	54			"	66	"		
6				u	ш		30.11	"	"			66	"	2		
7				и	и		30.10	54	ш			osu	Cum Nimb	0		
8				и	и		u	"	**			"	ш	"		
9				u	и		u	55	"			obu	Nimb	"		
10				NE	1		u	56	ш			44	ш	u		
11				u	1		и	"	"			66	44	"		
Noon				es .	1-2		и	44	44			44	66	"		
Distance	run by	Log	since pre	ceding No	on						k	nots	fa	thoms.		
Latitude	by D. F	R. at N	Noon									0	4		"	
Longitud												0			44	
			tions at N									0	•		"	
-			meter fro	m Foreno	on Obse	rvatior	ns ⊕					0	•		ш	
Current of time	uuririg t	iie		knot	S		fms. per h	nour, se	tting to t	the						
Variation	of the	Com	pass by A	Amplitude	⊕ observ	ed at	Sunrise					0	66		"	
				Azimuth ⊕		d at						0	66		"	
	xpende	d dur	ing the pr	eceding 2										g	allons.	
Water						the p	receding	24 hour	S						и	
				or me at No										400		
				eceding 24	nours							2	tons	120	lbs.	
Coarren	naming	OH H	and at No	OH								132		1100		
P,M.				0.1	•			50					.			
1 2				Calm "	0		30.08 30.07	56 "	55 "			ob "	Nimb "	0		
3				44	ш		30.07	"	u			44	44	"		
4				ш	u		"	44	и			ш	ш	"		
5				44	и		30.08	"	"			44	44	"		
6				u	u		"	55	56			u	u	u		
7				ш	u		ш	44	"			ш	44	"		
8				"	ш		u	"	"			"	66	"		
9				u	и		30.40	56	u			b	u	10		
10				u	ш		u	u	ш			u	u	u		
11				u	ш		u	"	ш			u	u	u		
Mid.				"	"		"	ш	ш			"	ш	u		
l on wite : -	lo bu O	ore = -	motor for	m Affaur -	on Ohr-	n (otic	20 ①					0			44	
				m Afterno		ıvatıoı	is 🕀					0				
				servation: Amplitude	5		a h	contod] at Sunse			0			u	
Variation				ampiituue			OD	at	at JuliSt	C.		0			"	
valiatiOli	i oi uie	JUIII	pass by					aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

[Editor's Note: The following two pages was pasted on top of the log entry for October 21, 1876.]

The following recommendations for Petty Officers are made in conformity with General Order No. 197 of the Navy Department. Viz:

Dennis L Downey	Sea	to	Boatswains Mate
John L. King	u	"	u u
Charles Green	ш	u	Gunners Mate
Luther Baker	ш	u	Quarter Master
William Walker	ш	"	u u
Oscar Huntress	ш	"	u u
Michael Cleary	ш	"	Quarter Gunner
Peter Franks	ш	"	u u
William B Spencer	ш	"	Quarter Yeoman
Charles H. Moulton	Lds	"	Ships Writer
Benj O. Low	u	"	School Master
Nicholas Dormail	ш	u	Carpenters Mate
George C. Caswell	u	"	Sailmakers Mate
Joseph Barry	Sea	"	Captain Hold
David Dalton	Ord Sea	"	Ships Cook
E.A. Chase	Lds	"	2 nd CI Painter
Thomas W. Hackett	u	"	Armorer
Henry Foster	u	"	Ships Tailor
Issac Fassett	u	"	Bugler
Edward Cass	u	"	Cooper
Patrick D Cass	u	"	Carpenter
Maurice Clark	u	"	tt.
William Anderson	Sea	"	Capt Forecastle
Maurice Rowan	"	"	u u
John O' Neil	ű	ű	Capt Top

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

[Editor's Note: This is the second of two pages that was pasted on top of the log entry for October 21, 1876. It is a continuation of the recommendations from the previous page.]

George Meyers

Sea

to

Captain Top

We further recommend Thomas Kelly (Sea) for the rating of Capt of Top, from and after this date-October 21st, in place of George Meyer, whom we recommend to be disrated and transferred to the "Wabash", he being too old to perform duties required.

[Signed]

John Schouler

Lieut. Comdr

Asa Walker Richard G Davenport Lieut. Lieut.

Approved and ordered W.S. Schley

Comdr Comdg

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather hazy. Calm. Swung to the ebb tide at 2.30.

(Signed) J.T. Sullivan.

Lieut.

From 4 to 8 A.M. Overcast. Cool. Misty. Calm. Steam on two boilers. Distilling. Riding to ebb. (Signed) Richard G Davenport

Lieut.

From 8 to Merid. Dense fog. Wet. Light breeze from N.E. Riding to the flood tide. Turned flood at 8.20.

(Signed) J. K. Cogswell

Lieut.

From Merid. to 4 P.M. Overcast. Calm. Disagreeable. Thick fog. George Meyer (C.T.) disrated by order of Comdg Officer, and transferred Ab Seaman to Receiving Ship "Wabash", by order of Commandant of Station. At 3 swung to ebb. The following men were transferred from the "Wabash" to this ship. Thomas Kelly (Sea) Wm. H. Folison (Lds) and Ed. T. Burke (Lds) Heating ship with two boilers. Sent "Rock shaft" on shore for repairs.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Thick dripping fog. Calm. Received 6 cases of Marine clothing from Marine Off. Navy Yard. Gave Wm. Folison (W.O.S) 8 hours extra duty, by order of Comd Officer, for spitting tobacco juice in 2nd cutter.

(Signed) J.K. Cogswell

Lieut.

From 8 to Midnight. Foggy. Cool. Calm. Starlight last part of watch. At 8.30 started distilling. At 9.15 swung to flood.

(Signed) Richard G. Davenport Lieut.

iout

Examined and found to be correct

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Boston Mass

				WIN	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	8	eight in ches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				Calm	0	30	0.07	62	61			bo	Nimb	0		
2				44	ш	u		ш	ш			44	"	"		
3				"	u	"		"	59			44	"	"		
4				и	и	u		u	ш			и	u	"		
5				44	ш	30	0.05	64	58			b	"	"		
6				ш	u	"		"	60			es.	"	"		
7				ш	и	ű		и	ш			ш	"	u		
8				ш	u	"		"	ш			u	"	"		
9				ш	u	"		"	ш			u	"	10		
10				N	1	и		"	ш			66	"	"		
11				NE	1	ű		и	ш			es	ш	и		
Noon				SE	1	и		"	ш			ш	и	и		
Dietan	ice run h	v L og	einee nre	eceding No	on						L	nots		fathoms.		
	de by D.			eceding inc	JUII							0		, au 101115.	ш	
	ude by D.											0		4	"	
			tions at N	loon ⊕								0			"	
	-			om Forenc	on Obser	vations @	-)					0			**	
-	nt during							nour oc	tting to	the						
time				kno				ioui, se	etting to	uie		0		"	"	
				Amplitude			ırıse					0				
				Azimuth ⊕		ıaı										
Water		ea aur	ing the p	receding 2		the prece	eding	24 hou	rs					ç	gallons. "	
Water	remainir	ng on	hand fit fo	or me at N	oon										"	
Coal c	onsume	d duri	ng the pre	eceding 24	1 hours							1	tons	175	lbs.	
Coal re	emaining	on h	and at No	oon								131	es	925	и	
P,M.																
1				SSE	2	30.02	2 (64	61			b				
2				E by	ш	ш			62			и				
3				S "	ш	"			ш			ш				
4				и	ш	"			u			и				
5				SE	1	"			u			и				
6				u	ш	и	(63	61			и				
7				"	"	"			60			u				
8				и	ш	ш	4		ш			и				
9				Calm	0	30.04	4 '		59			и				
10				u	u	u			58			и				
11				u	u	"			ш			и				
Mid.				ш	ш	и	(62	"			ш				
Longit	ude by C	Chrono	ometer fro	om Afterno	on Obser	vations @	€					0		•	44	
				bservation	s]			0		•	и	
Variati	ion of the	e Com	pass by A	Amplitude			ob	served	at Suns	et		0		•	u	
Variati	ion of the	e Com	pass by					at				0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather foggy and rainy. High water at 2.45. Calm.

(Signed) J. K. Cogswell

Lieut.

From 4 to 8 A.M. Weather foggy. Calm. Ship swung to ebb tide during watch.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Merid. Foggy. Light variable breeze. Cool. Distilling with two boilers. At 9.30 mustered crew at quarters. At 9.40 swung to flood. Forward "Rockshaft" received on board. Men from Navy Yard working on high pressure cylinder.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Weather foggy. Light breeze from S. and E. At 3.45 ship swung to ebb tide. Workmen from Navy Yard engaged in making repairs on engine. Distilling two main boilers.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Thick fog. Cool. Disagreeable. Light S.E. breeze. Riding to ebb. Men from Navy Yard working on high pressure cylinder. Distilling two main boilers.

(Signed) Richard G. Davenport

Lieut.

From 8 to Midnight. Thick foggy weather. Calm. Ship swung to flood at 10 o'clock. Workmen from Navy Yard engaged in making repairs on engine. Distilling two main boilers.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Boston Mass

				WIN	DS.		BAROM	ETER.	T	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	€.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				Calm	0	3	80.02	63	62			b		10		
2				u	"	3	80.01	u	"			ш		u		
3				и	"	3	80.00	"	"			44		u		
4				u	"	"		"	"			66		"		
5				и	"	2	9.98	"	"			bd	Nimb	0		
6				и	"	"		"	"			44	"	u		
7				ш	"	2	9.96	"	"			ш	"	"		
8				Е	1	"		"	"			ш	"	"		
9				NE	1	2	9.95	63	"			44	"	u		
10				и	2	2	9.94	u	"			44	"	u		
11				E by	"	2	9.92	44	**			44	"	u		
Noon				N "	"	"		65	"			44	"	u		
÷								03								
Distan	nce run b	v Loa	since pre	eceding No	on							knots	f	athoms.		
	de by D. I	-		J								0			"	
	tude by D											0		4	"	
_			tions at N	loon ⊕								0			**	
				om Foreno	on Obser	vations	(A)					0			**	
-	nt during			knot				hour co	etting to	tho						
time	:	0						ioui, se	tung to	uic		0		ш	u	
				Amplitude			inrise					0			"	
				Azimuth ⊕		ı at						-		-		
		ea aur	ring the pr	receding 2				041						Ç	gallons.	
Water					_	the pred	ceaing	24 noui	rs							
				or me at N										4705		
				eceding 24	hours							1	tons "	1785	lbs.	
Coair	emaining	on n	and at No	oon								129		1380		
P,M.																
1				E by N	1	2	9.90	63	65			bd	Nimb	0		
2				"	1		9.88	62`	61			"	"	u		
3				"	1		9.87	61	60			ш	"	u		
4				"	1		9.86	"	59			u	"	"		
5				SE	1		9.84	"	"			b	u	"		
6				"	2		9.85	"	"				"	"		
7				"	-		9.82	"	"			"	u	"		
8				ш	"	"	J.J.	60	"			"	"	"		
9						"		"	"			bd	ш	ш		
10				ø.		"		ш	"			"	и	ш		
11				Variable		2	9.80	u	"			ш	u	u		
Mid.				Var		"	.5.00	ш	"			ш	и	ш		
iviiu.																
Longit	tude by C	hrono	ometer fro	om Afterno	on Obser	vations	⊕					0		•	и	
Longit	tude by C	hrono	ometer Ob	bservation	S]			0		•	"	
Variat	ion of the	Com	pass by A	Amplitude			ob	served	at Suns	et		0		•	"	
Variat	ion of the	Com	pass by					at				0		4	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Thick fog. Disagreeable. Calm. Riding to flood. Slack water at 3.40. Man from Navy Yard working on high pressure cylinder. Banked fires under two main boilers.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Foggy. Drizzling rain. Calm. Swung to ebb tide at 4.10. Navy Yard workmen onboard repairing engine.

(Signed) J.T. Sullivan Lieut.

From 8 to Merid. Foggy. Drizzling rain. Light airs from N. and E. Ship swung to flood tide at 10.25. One Navy Yard workman onboard engaged in repairing engine. Distilling with two main boilers. Par. gt Zachman restored to duty by order of Comdg Officer. At 9.30 mustered crew at quarters.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Foggy. Drizzling rain. Light E[aster]ly airs. Brought to on Starboard chain. Received stores in Paymaster Department and for Marine Guard.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Weather foggy with light breeze from S. and E. At 4.20 hove up and cleaned starboard anchor. Let go port anchor and veered to 15 fathoms of chain. Distilling with two main boiler. Vinyard pilot came on board.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Foggy. Drizzling rain. Light variable airs. Swung to flood tide at 10.30. Stopped distilling at 9.30.

(Signed) J.T. Sullivan Lieut.

Asa Walker Lieut

Examined and found to be correct

Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Steaming out of Boston Harbor

				WINE	os.	E	BAROME	ETER.	-	TEMPERAT	URE.	State of	Forms of	5	State	
Hour.	Knot		Courses steered.	Direction.	Force.	6	eight in :hes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				Calm	0	29	.78	62	60			b				
2				u	и	29	.75	u	"			es				
3				ш	ш	29	.72	"	62			br	Nimb	0		
4				u	и	u		u	u			и	и	u		
5				ш	и	"		"	"			66	u	"		
6				и	и		.70	64	64			ш	" Cum	и		
7				NW	1	29	.67	u	66			ob	Nimb	u		
8				ш	1		.65	"	"			66	u	"		
9				u	1		.68	"	и			0	и	u		
10				u	1		.65	"	63							
11 Noon					2	29	.62	u	62			bc "		1		
				•				•	61					4		
			-	receding No	on						ŀ	knots °	t.	athoms.		
			at Noon R. at Noon									0			"	
-			rvations at	Noon ⊕								0		4	"	
				rom Foreno	on Obser	vations ⊕)					0			"	
Currer				knot				nour, se	ttina to	the						
time Variati	ion of	the C	omnass hv	Amplitude				1001, 00	itang to	uic		0		"	"	
				Azimuth ⊕			1100					0		"	"	
				oreceding 2										ç	allons.	
Water				•		the prece	eding :	24 hour	rs .						"	
Water	rema	ining	on hand fit	for me at N	oon										и	
Coal	consu	med o	during the p	receding 24	hours							5	tons	1105	lbs.	
Coal r	emair	ning o	n hand at N	loon								124	"	275	"	
P,M.													Cir			
1				NW	1	29	.62	64	63			bc	Cum	6	S	
2			CE hu E	u	1	u		"	**			и	u	7	"	
3	7	6	SE by E 3/4 E	ш	2	"		62	61			ш	u	9	"	
4	9	4	SE by E 3/4 E	u	"	"		"	"			u	u	"	"	
5	1	0	Variable	N by W	"	"		63	63			u	u	7	"	Steam
6	0 4	0	и	NW	u	u		"	"			ш	u	"	"	
7	4	0	SE by E	SW	1	ш		"	"			ш	u	6	"	
8	5	0	3/4 E "	"	1	20	.66	"	"			ш	u	8	"	
9	5	6		и	2		.70	62	60			ш	u	"		Steam
10	6	0	g on		"	"	., 5	56	58			ш	u	2		
11	4	0	Running o Bearings	u	u	29	.72	"	56			ш	u	5		
Mid.	4	0	Rui	и	"	и		55	55			ш	u	и		Stream
Longit	ude h	ıv Chi	ronometer fi	rom Afterno	on Ohser	vations @)					0		4	и	
-				Observation:		. audi 13 (•			1		0			"	
_			Compass by		-		oh	served		•		0				
			Compass by				0.0	at	50/1			0			и	
		`	,													

under the command of Commander W. Scott Schley , U. S. Navy. Tuesday October 24th, 1876. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. First part of watch thick fog. Latter part foggy with heavy showers of rain. Calm. At 2.15 started fires under all main boilers.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Weather rainy and foggy. Clearing in latter part of watch. Barometer falling. High water at 4 o'clock. At 4.30 swung to the flood. At 5.30 Pilot came on board. Light air from NW.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast first part of watch. Clearing weather with N. W[ester]ly airs latter part. Inspected crew at quarters at 9.30. At 10.30 veered to 30 fathoms on port chain. Spread fires at 10.40. At 10.45 brought to our port chain. Turned engine at 11.10. Got under way at 11.30 and stood out of harbor. Pilot on board. Draft of ship, 13 feet 9in forward, 14 feet 7in amidships and 16 feet aft.

(Signed) J.T Sullivan Lieut.

From Merid. to 4 P.M. At 2.10 Minots Ledge Lighthouse bore (ps [portside]) W. 3/4 N, distant four miles. Put ship on her course. At 1.30 the harbor pilot left the ship. At 2 loosed and made sail to topsails. Furled sail at 4. Temp of bunkers 90°. Steam pressure 78 lbs. Revolutions 54-3. Pleasant weather. Light breeze from N.W. Land in sight (Cape Cod) off starboard beam. At 4 changed course to S.E. by E. 1/4 E.

(Signed) J.K. Cogswell Lieut.

From 4 to 6 P.M. Clear. Cool. Pleasant. Light N.W. wind. At 5.10 slowed engine, hot bearings. At 5.15 stopped engine. At 5.25 ahead slow. At 5.35 ahead fast. Tem coal bunker 102°. Average steam pressure 78 lbs. At 5.20 Highland Light bore S.W. 1/2 S. Revolutions 4 to 5, 58, 5 to 6, 33. At 5.45 put over patent log. At 5.30 USS "Tallahassee" passed bound for Boston. Highland Light bore (pc) NW at end of watch. (Signed) Richard G Davenport Lieut.

From 6 to 8 P.M. Clear pleasant weather. Moonlight. At 6.10 sighted Nausette Light. At 7.45 sighted Chatham Light. At end of watch Nausette Light bore NW by N. Chatham Light SW by S. Lost patent log overboard. Ship steaming slowly on account of hot bearings.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and cool. Light S. W[ester]ly airs. Running on bearings to Pollock Rip Light Ship. Moon set at 10 o'clock.

(Signed) J.T. Sullivan Lieut. Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Holmes Hole, Martha's Vinyard.

WINDS. BAROMETER				ETER.	Т	TEMPERATI	JRE.	State of	F		04-4-					
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				NW	2		30.76	56	55			bc	Cir Ste	8	8	
2				и	"		u	"	"			u	"	"	"	
3				и	u		u	u	"			и	ш	u	"	
4				и	u		u	u	**			и	u	u	"	
5				WSW	"		30.78	"	56			u	Cir Cum	6	u	Banked fires
6	At and	chor		и	u		30.76	u	"			и	"	4		
7	Holme		е	и	"		ш	"	u			ш	u	3		
8				ш	"		и	u	"			ш	ш	2		
9				"	"		ш	"	ш			bc	ш	6		Banked fires
10				ш	3		u	44	и			bcr	Ci Cum Nimb	4		
11				и	4		и	u	"			oqr	u	u		
Noon				u	7		u	"	"			bcq	"	u		
Distan	ce run b	y Log	since pre	eceding No	on						kı	nots	f	athoms.		
Latitud	le by D.	R. at	Noon									0			ш	
Longit	ude by [). R. a	it Noon									0			и	
Latitud	le by Ob	serva	tions at N	loon ⊕								0			и	
-	-		ometer fro	om Foreno	on Obse	rvatio	ns ⊕					0		•	"	
time	nt during	tne		knot	S		fms. per h	nour, se	tting to	the						
Variati	on of the	e Com	pass by A	Amplitude	⊕ observ	ed at	Sunrise					0		и	и	
				Azimuth ⊕		d at						0		и	и	
	expend	ed dur	ing the pr	receding 2										g	gallons.	
Water			hand fit fo	ar ma at Ni	-	the p	receding	24 hour	S							
		-		or me at No eceding 24								9	tons	1720	lbs.	
			and at No		nours							114	"	795	"	
P,M.				14/014/	_		00.74	50					Cir	_		
1		At A	Anchor	WSW	7		29.74	58	57			bc "	Cum "	5		
2		Hol	mes	"				60	59					7		
3		Hol					u	61	60			ű	и	u		
4				" W by	и		29.72	62	ш			и	" Cum	и		
5				S	5-6		29.75	61	и			"	ste	и		
6				и	"		29.80	57	ш			u	ш	и		
7				WNW "	5		29.84	"	57 "			"	"	и		
8			varia	 W by			29.86									Steaming
9	6	2	ble	N	7		29.90					ОС		0	M	
10	6	2	" SW	ш	ш		29.92	56	56			44	и	и	u	Steaming
11	7	6	by W	WNW	"		29.95	53	53			u	"	и	ш	Jib, fore and main
Mid.	6	4	"	ш	u		29.96	ш	ш			ш	и	ш	ш	trysails
Longit	ude by (Chrono	ometer fro	om Afterno	on Obse	rvatio	ns ⊕					0		4	"	
Longit	ude by (Chrono	ometer Ol	bservations	3]]		0		•	"	
Variati	on of the	e Com	pass by A	Amplitude			ob	served a	at Suns	set		0		•	и	
Variati	on of the	e Com	pass by					at				0		4	и	

under the command of Commander W. Scott Schley Wednesday October 25th, 1876. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

, U. S. Navy.

Commences and until 4 A.M. Clear and pleasant. Bright starlight. Steaming through Martha's Vinyard Sound under direction of Vinyard pilot. At 3.30 made preparation for coming to anchor in Holmes Hole. Steam pressure 70 lbs. Revolutions 40. Temp Bunkers 95°.

> (Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy. Cool. Pleasant. Light W.S.W. breeze. Cir cum clouds. At 4.25 came to anchor off Holmes Hole, in Vinyard Haven, to enable engineers to change brasses of after crank pin. Banked fires. Let go the port anchor in 8 1/4 fathoms water veering to 30 fathoms on port chain. West chop Light bore (pc) NW by W Hobeka Light bore (pc) NW 3/4 N. Pressure of steam 30 lbs. Temp coal bunker 94°. (Signed) Richard G Davenport Lieut.

From 8 to Merid. Weather variable. Clear and pleasant with passing squalls of rain and wind. Fresh breeze from W.S.W. At 9.30 crew at quarters. Engaged in engine room in fitting new bearing for engine. Banked fires.

> (Signed) Wainwright Kellogg Lieut.

From Merid, to 4 P.M. Clear and pleasant, Blowing fresh from W.S.W. Under banked fires.

(Signed) J.T. Sullivan Lieut.

From 4 to 6 P.M. Clear and cool. Strong breeze from W. by S. Mustered at quarters at 5. Riding to the tide, running strong flood. Barometer rising. Steam pressure 19 lbs.

(Signed) J.K. Cogswell Lieut.

From 6 to 8 P.M. Cloudy. Cool. Pleasant. Fresh W.N.W. wind. Cir cum clouds. At 6.50 engine reported ready. At 6.55 called all hands up anchor. At 7.10 got underway and steamed out of harbor. Average revolutions 40. Temp coal bunker 100°. Steam pressure 64 lbs. At end of watch Gay Head Light bore (pc) SW by W. Tarpaulin Cove bore (pc) W. Hobeka Light bore (pc) NE 1/4 E. West Chop Light bore (pc) SE by E.

(Signed) Richard G Davenport Lieut.

From 8 to Midnight. Weather overcast with fresh wind from W. First two hours of watch steaming down Vinyard Sound. At 10, put over patent log and kept away to SW by W. At 10 took departure. Gay Head Light bearing (pc) SE 1/2 E distant four miles. Cuttyhunk Light bearing (pc) N by W. At 10.15 set jib, fore and main trysails. Patent log at end of watch showed 13 1/4 miles. Average number of revolutions during watch 48-8. Steam pressure 70 lbs. Temp in bunker 95°.

> (Signed) Wainwright Kellogg Lieut.

> > Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

WINDS				os.		BAROME	TER.	Т	EMPERATI	URE.						
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1	6	2	SW	WNW	7		29.96	56	53			0	Cum	0	Υ	Jib, fore & main
2	6	2	by W "	44	6		u	"	"			"	"	"	"	Trysail
3	6	4	"	"	5		"	54	52			bc	"	2	"	Spanker
4	7	0	"	"	4		"	52	51			"	44	5	"	Steam
5	6	4	ш	W by	4		30.02	53	"			"	66	4		
6	6	2	"	N "	4		30.04	"	"			"	"	3		Jib, fore top staysails
7	6	2	"	"	4-5		"	54	"			ш	"	2		Trysails & spanker
8	6	2	ш	44	"		30.06	"	"			"	66			Trysums a sparitor
9	6	0	"	"	6-5		30.08	"	52			ш	"	u		Steam
10	6	0	"	"	"		"	"	"			ш	"	u		C.Co.
11	5	6	u	"	"		"	53	"			ш	"	u		
Noon	4	0	"	"	"		30.09	"	"			"	44	4		Fore trysail
•																
Distan	ce run b	y Log	since pre	ceding No	on						100	knots	fa	thoms.		
Latitud	le by D.	R. at	Noon									0	•		"	
Longit	ude by [). R. a	at Noon									0	•		"	
Latitud	le by Ob	serva	itions at N	loon ⊕								0	•		"	
			ometer fro	m Foreno	on Obse	rvatio	ns ⊕					0	•		44	
Currer time	nt during	the		knot	s		fms. per h	our, se	tting to	the						
	on of the	e Con	npass by A	Amplitude	⊕ observ	ed at	Sunrise					0			"	
Variat	on of the	e Con	npass by A	Azimuth ⊕	observe	d at						0			"	
Water	expende	ed du	ring the pr	receding 2	4 hours									g	allons.	
Water					during	the p	receding	24 hour	s						u	
Water	remaini	ng on	hand fit fo	or me at No	oon										и	
Coal	onsume	d dur	ing the pre	eceding 24	hours							12	tons	1755	lbs.	
Coal r	emainin	g on h	and at No	oon								101	u ,	1280	"	
P,M.																
1	8-3	0	SW by W	W by N	5-6		30.04	53	52			bc	Cum	5	M	
0	•		SE by	ш	и		"	"				u	"		"	
2	6	4	w 1/2 w											4		
3	7	6	ш	"	"		"	"	u			и	"	3	и	
4	8	0	"	"	"		30.08	"	u			и	Cum Nimb	2	u	Steaming
5	8	4	"	"	u		"	"	51			bcq	44	1	u	Steam & m. trysail
6	9	0	"	"	u		30.10	52	50			bc	44	1	u	
7	9	4	ш	и	6		30.15	"	51			"	"	4	Α	F. Top staysail
8	9	4	"	WNW	"		30.17	44	44			"	"	3	u	Spanker
9	9	0	SW by W 1/4/w	ш	ш		30.20	53	53			u	ш	3	`"	F. Top staysail
10	8	0	"	"	"		30.22	"	"			u	u	4	"	Main trysail
11	7	0	"	"	5		30.25	52	51			u	u	4	"	Spanker
Mid.	8	0	ш	u	и		30.26	51	50			и	ш	3	44	Steaming
•	-			m Afterno		rvatio	ns ⊕					0	•		"	
_				bservations	8]			0	,		"	
				Amplitude			ob	served a	at Suns	et		0	,		"	
Variat	on of the	e Con	npass by					at				U			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast first part of watch. Partly cloudy weather and bright starlight latter part. Set the spanker at 12.30. Made Block Island Light at 12.50 bearing W. At end of watch it bore N. by W. Ship pitching easily into a heavy head sea. Temp coal bunker 85°. Steam pressure 66 lbs. Revolutions 40.

> (Signed) J.T. Sullivan Lieut.

From 4 to 8 A.M. Cool and Cloudy. Fresh breeze from W. by N. Ship steady. Steam pressure 67 lbs. Revolutions 41. Temp coal bunker 75°.

> (Signed) J.K. Cogswell Lieut.

From 8 to Merid. Cloudy. Cool. Pleasant. Fresh W. by N. wind, and cum clouds. At 9 exchanged colors with pilot boat no. 11. At 9.30 mustered and inspected at quarters. Division exercise as follows, 1st Div. Cast loose, 2nd Div. Cast loose. Powder Div Stationed. Marine small arms. At 10.55 stopped engine to key up brasses of after crank. At 11.10 started ahead. Average steam pressure 75 lbs. Revolutions 45 1/2. Temp coal bunkers 78°.

> (Signed) Richard G Davenport Lieut.

From Merid. to 4 P.M. Weather clear and pleasant with fresh W. by N. breeze. At 12.25 changed course to SW by W 1/2 W. Hauled in patent log, showed 84 miles, reset it. At 12.30 took in all fore and aft sail. Detailed John Williams (B) and Chester Owens (B) for duty in fire room. At end of watch patent log showed 24 miles. Average number of revolutions for watch 50. Steam pressure 70 lbs. Temp coal bunker 95°.

> (Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Cloudy and squally first part of watch. Clearing latter part. Wind fresh from the W. Set main trysail at 5 o'clock. Temp of coal bunkers 95°. Revolutions 53. Steam pressure 67 lbs.

(Signed) J. T. Sullivan Lieut.

From 6 to 8 P.M. Cloudy and cool. Strong breeze from N. by W. freshening. Barometer rising. At 6.30 set fore and aft sail. Furled jib at 7. Ship steady, sea rough. Steam pressure 66 lbs. Revolutions 55.

(Signed) J.K. Cogswell

Lieut.

From 8 to Midnight. Cloudy. Cool. Fresh W.N.W. wind. Cum Nimb clouds. At 8 changed course to S.W. by W. 3/4 W. Reset patent log and put it over. At 12 hauled in patent log which showed 30 miles, put it over again. Passed a schooner bound to the S. and W. Average steam pressure 55 lbs. Temp of coal bunkers 93°. Revolutions 46-3.

(Signed) Richard G Davenport, Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", $3^{\rm rd}$ Rate, 6 Guns, At Sea

				WIND	S.		BAROME	TER.	Т	EMPERATI	JRE.	State of	Forms of		State	
Hour.	K n ot s.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M		_														
1	4		SW by w	WNW	5-		30.27	52	50			bc	Cum	2		Fore topmast
2	6		3/4 W	"	6		30.28		49			"	"			Staysail, main
3	8		и	44	"		30.30	50	48			u	44	5		Trysail & Spanker
4	7	4	и	"	"		"	"	"			u	u	4		Steaming
5	6	4	и	NW	ш		30.34	ш	"			и	44	6		
6	6	2	и	и	"		30.36	u	"			и	u	u		
7	3	4	", WSW 1/4 W	"	"		30.38	49	"			u	и	5		
8	6	0	"	"	ш		30.40	и	"			и	es	u		
9	6	4	WNW	"	5		30.42	50	50			u	и	"		
10	6	2	NW by W	44	ш		30.43	51	"			и	es	3		
11	6	2	N	ш	"		"	u	"			u	er	2		
Noon	6	4	", N by W	44	"		ш	ш	"			ш	44	u		
-																
			og since pre	ceaing Nooi	1						Kr	nots	ta	thoms.	"	
			at Noon R. at Noon									0		,	"	
-		-	rvations at N	oon ⊕								0			u	
			onometer fro		Observ	atior	ns ⊕					0		4	"	
Curre				knots			fms. per h	our set	ttina to t	the						
time Variat	ion of	the C	Compass by A		ohserve			iour, oc	tung to	u i c		0		4	"	
			Compass by A				Outilise					0		44	u	
			during the pr			u .								a	allons.	
Wate			0 .	ŭ		he p	receding 2	24 hours	s					Ū	"	
r Water	rema	inina	on hand fit fo	or me at Noc	_				-						"	
		-	during the pre									17	tons	2120	lbs.	
			n hand at No									83		1600	u	
P,M																
1			N by W	NW by N	5		30.42	51	51			bc	Cir Cum	8	3	Steam
2			variable	и	"		ш	ш	"			u	"	9	u	
3			ш	и	"		u	и	"			u	и	u	u	
4			и		4		ш	u	44			ш	ш	и	ш	
5			ш	NW by W	4		u	и	"			u	и	u	u	
6			ш	и	2		ш	u	u			u	ee	и	u	
7				и	"		ш	52	52			"	Cir	"	"	Steam
8			₽	"	1		30.44	54	53			"	"	u	ш	
9			anc	NW	"		30.43	51	51			u	Cir Cum	8		
10			At anchor	ш	ш		ш	50	48			u	u	7		
11			,	ш	u		u	и	"			"	u	"		
Mid.				ш	44		ш	u	"			"	ш	"		
Lace	بحامريا	OL	onomete - f	m After	05	,ot: -	no (P					0		4	"	
_			onometer fro		Observ	atioi	IIS 🕀		1			0				
_			onometer Ob Compass by A				oh	served a] at Suns			0		4	44	
			Compass by A	piitaac			OD.	at	a. ouns	٠.		0			"	
· and	01		paso by					uı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant with fresh W.N.W. wind. Moon set at 12.45. At 12 got a heave with deep sea lead, sand bottom at 20 fathoms. At 2 got a heave with cast a deep sea lead, sandy bottom at 25 fathoms. At 4, got another heave, sandy bottom at 22 fathoms. Detailed W.P Bruman (B) for duty in fire room. Patent log at end of watch showed 55 1/4 miles.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. AM. Clear and cool. Wind fresh from the N. and W. At 6 o'clock got a cast of the lead in 23 fathoms of water, bottom white sand, black specks. At 7.50 stopped engines to allow bearings to cool, and at same time got a cast of the lead in 18 fathoms of water, bottom white sand black specks. Revolutions 48. Steam pressure 68 lbs. Temp coal bunkers 90°.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Cool and cloudy. Fresh N.W. breeze. At 9.15 sighted land and Fennrock Light bearing (pc) W. Got soundings every hour from 9 AM in 17-18 and 10 fathoms. At 10.45 sighted Cape Henlopen Light, bearing (pc) N.N.W. At end of watch Cape Henlopen Light bore (pc) N.W. distant about 7 miles. Revolutions 51. Steam pressure 69 lbs. Gave Wm. T Brennan (B) one hour extra lookout, by order of Cmdq Officer for being noisy on berth deck.

(Signed) J.K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cold. Pleasant. Fresh N.W. by W. wind. Cir cum clouds. At 12.55 stopped engine. At 1 Delaware Pilot came on board. At 1.05 started ahead four bells. Flood tide. Average steam pressure 68 lbs. Average revolutions 57. Temp coal bunker 97°.

(Signed)Richard G Davenport Lieut.

From 4 to 6 P.M. Weather clear and pleasant with fresh breeze from N and W. Steaming up Delaware Bay.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M. Clear and pleasant. Light N.W[ester]ly airs. Anchored at 6.55 in the Delaware River. Came to with port anchor in 7 fathoms of water, veering to 30 fathoms chain. Banked fires and commenced distilling. Bearings at anchor: Pea Patch N 1/2 W, Reedy Island Light SW 1/2 S.

(Signed) John T. Sullivan Lieut.

From 8 to Midnight. Clear and cool. Bright moonlight. Ship swung to the ebb tide at 9.40. Average steam pressure 20 lbs. Temp coal bunker 85°.

(Signed) J.K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Steaming up Delaware River

				WINI	DS.		BAROME	TER.	Т	EMPERATI	JRE.	State of	Forms of		State	
Hour.	K n ot s.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1			_	Calm	0		30.43	48	45			bc	Cir	9		
2			At Anchor	S	1		u	"	и			u	Cum "	8		
3			₽	"	2		ш	"	ш			ш		7		
4			앜	и	"		30.45	"	ш			44	"	10		
5			윽	NE	1		30.43	44	ш			и	"	8		
6				u	2		30.42	"	ш			ОС	Cir	0		
7			Var.	и	"		30.40	"	ш			44	Nimb "	"		
8			" ai.	и	"		"	"	ш			u	"	"		Steaming
9			ш	u	"		u	54	46			"	"	"		
10			~ 0	и	1		30.38	52	48			u	44	"		
11			At anchor	и	"		30.34	53	49			or	44	"		
Noon			ğ	и	"		u	54	50			44	44	"		
•								04	00							
Distan	ice rur	by Lo	g since pre	eceding No	on						k	nots	fa	thoms.		
Latitud												0			"	
Longit	ude by	y D. R.	at Noon									0			и	
Latitud	de by (Observ	ations at N	loon ⊕								0			"	
-			nometer fro	om Foreno	on Observ	ations	s ⊕					0			u	
Currer time	nt duri	ng the		knot	s	fr	ns. per h	our, set	ting to	the						
	ion of	the Co	mpass by	Amplitude	⊕ observe	ed at S	Sunrise					0		4	u	
Variati	ion of	the Co	mpass by	Azimuth ⊕	observed	at						0		4	"	
Water	exper	nded di	uring the p	receding 2	4 hours									9	gallons.	
Water					during	the pre	eceding 2	24 hour	S						u	
Water	remai	ining or	n hand fit f	or me at N	oon										и	
Coal	consur	ned du	ring the pr	eceding 24	hours							10	tons	1600	lbs.	
Coal r	emain	ing on	hand at No	oon								72		2040	и	
P,M.																
1				NE	2		30.20	52	51			ОС	Nimb	0		
2				и	и		30.23	"	49			ш	44	"		
3			Moored	и	"		30.20	ш	ш			**	"	"		
4				"	u		30.18	"	ш			u	и	"		
5														"		
6				NNE "												
7								51 "								
8 9				и	"							or "	и	"		
				и	1		30.20	54 "	50 "			и	44	"		
10 11				u	1		"	"	ш			od	и	"		
Mid.				ш	1		и	44	ш			"	и	"		
wilu.					1											
Longit	ude by	y Chror	nometer fro	om Afterno	on Obser	vations	s ⊕					0			"	
Longit	ude by	y Chror	nometer O	bservation	S]			0		4	ш	
Variati	ion of	the Co	mpass by	Amplitude			obs	served a	at Suns	et		0		4	ш	
Variati	ion of	the Co	mpass by					at				0		4	44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Light S[outher]ly. breeze. Cir cum clouds. Bright moonlight until 2.20 when star set. Average steam pressure 12 3/4 lbs. Temp coal bunker 78°. Rising to ebb. Slack water at 3.40.

(Signed) Richard G Davenport Lieut.

From 4 to 8 A.M. Weather overcast with very light rain. At 5 spread fires. At 6 hove up anchor, got underway and steamed up the river. At 7.15 passed Newcastle. At 7.45 passed Wilmington. Tide changed flood at 4.40. Temp of bunker 76°. Average steam pressure 52 1/2 lbs. Revolutions 42.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast and raw. Rain latter hour of watch. Steaming up the Delaware. At 9.05 came to anchor off League Island Navy Yard in 7 fathoms of water veering to 20 fathoms on port chain. Draft of water forward 13 feet 6 in. Amidships 14 feet 3 in. Aft 15 feet 3 in. Swung to the ebb tide at 11.30. Banked fires at 11 o'clock.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Weather overcast. Light N. E[aster]ly breeze. At 12.40 got underway and steamed up the river. At 1.30 made number, "Potomac" answered and made her numbers. At 2 made interrogatory 1211. "Plymouth" answered 904. At 2.30 came to anchor in 7 fathoms of water, veering to 30 fathoms on port chain off Arch Pt Philadelphia. At 2.45 the commander made an official visit to the "Plymouth". Ships draft 13 feet 6 in forward, 14 feet 6 in amidships, 15 feet 6 in aft. Revolutions 40. Steam pressure 70 lbs.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Light N. E[aster]ly airs. Moored ship NNE and SSW 45 fathoms on each chain. Swung to the flood tide at 6/30; ship swinging to port. Clear hawse.

(Signed) J.T. Sullivan Lieut.

From 8 to Midnight. Overcast and rainy. Light airs from N and E. Swung to the ebb tide at 11.30. Distilling. Clear hawser.

(Signed) J.K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Off Philadelphia Pa.

			WINE	WINDS.		BAROMETER.		TEMPERATURE.		JRE.	State of	Clouds,		State	
Hour.	ø	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is
Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
A,M.				•		00.00							•		
1			NNE "	2		30.20		51			0	Nimb "	0		
2			u	"		30.20		51 "			u	"	u		
3			u	"		u		4			u	"	u		
4			u	u		и		40			u	"	u		
5			u				E4	49			u	"	u		
6 7			и	3		30.21	51 "	50 "			ш	es	u		
			_			30.22						Cum			
8			Е	4		30.25	u	51			bc	Nimb	1		
9			и	2		30.26	52	44			ш	Cir Str	3		
10			и	u		30.25	54	45			ш	ш	5		
11			и	u		и	55	ш			ш	44	8		
Noon			и	u		и		ш			ш	44	u		
Distance ru	un by Lo	g since pre	eceding No	on						k	nots	fa	thoms.		
Latitude by	/ D. R. a	t Noon									0	4		"	
Longitude b	by D. R.	at Noon									0	•		"	
Latitude by	/ Observ	ations at N	loon ⊕								0	4		"	
Longitude b	by Chro	nometer fro	om Foreno	on Obser	vation	ns ⊕					0	4		"	
Current dur time	ring the		knot	S		fms. per h	our, set	tting to	the						
Variation of	of the Co	mpass by	Amplitude (⊕ observ	ed at	Sunrise					0		4	"	
Variation of											0		4	"	
Water expe													q	allons.	
Water			Ü		the p	receding	24 hours	s					Ū	u	
Water rema	aining o	n hand fit fo	or me at No	oon		_								u	
Coal consu											2	tons	560	lbs.	
Coal remain											70		1480	u	
P,M.															
1			N	2		30.22	55	55			bc	Cir Str	9		
2			u	u		ш	56	56			"	"	u		
3			u	"		ш	57	57			"	"	"		
4			u	"		ш	"	"			"	"	"		
5			E	1		30.24	55	54			"	"	8		
6			u	"		30.25	"	ш			"	"	u		
7			u	"		30.28	"	"			"	"	"		
8			u	"		и	"	44			"	и	"		
9			N	u		30.30	u	ш			u	Cir	9		
10			и	"		u	54	53			ű	64	u		
11			и	u		u	52	51			b	66	10		
Mid.			и	"		u	51	50			ш	44	u		
Longitude b	by Chro	nometer fro	om Afterno	on Obsei	rvatio	ns ⊕					0	,		и	
Longitude b	by Chro	nometer O	bservations	3]			0			"	
Variation of	of the Co	mpass by	Amplitude			ob	served a	at Suns	et		0	•		"	
Variation of	of the Co	mpass by					at				0	•		44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and rainy. Light airs from the N. and E. Riding to ebb tide. Clear hawse.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast. Cool. Disagreeable. Moderate N.N.E. wind. Cum Nimb clouds. Slack water at 6.35. At 6.55 swung to flood tide. Clear hawse. Banked fires under two main boilers. Distilling. Temp coal bunkers 63°.

(Signed) Richard G Davenport, Lieut.

From 8 to Merid. Clear and cool. Light E[aster]ly breeze. Tide turned ebb at 11.45. At 10 inspected at quarters. First liberty party ashore to remain until sunset. Clear hawser.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Light N[orther]ly breeze. Cir str clouds. At 12.30 swung to ebb tide. Clear hawser. Henry Piccoli (2nd C.B.) was discharged from this ship and the US Naval service, at his own request. Michael Riley (1st C.F.) and James Bryson (1st C.B.) were transferred to the USS "Potomac" to be sent to the U.S. Hospital. Banked fires under two main boilers. Distilling. Temp coal bunker 79°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Pleasant weather. Light airs from E. Bright moonlight. At 4.30 signaled interrogatory 5040. "Plymouth" answered 905. John Gabel (B) left the 2nd cutter without permission while ashore on duty. Rising to flood. Mustered at quarters and served out clean hammocks. Cadet Engineer A. T. Stivers left the ship, granted three days leave.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Bright moonlight. Light N[orther]ly breeze. Rising to flood tide. Clear hawser. Banked fires under two main boilers. Distilling. Temp coal bunker 71°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Off Philadelphia, Pa.

				WIN	DS.	BARON	IETER.	TI	EMPERAT	JRE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥	ш													
1				Calm		30.30	48	46			bc	Cir	9		
2				"		"	"	u			"	Cum "	"		
3				ш		и	u	ш			ш	ш	"		
4				ш		u	u	ш			44	"	"		
5				NE		30.32	u	ш			ш	"	"		
6				ш		30.34	"	48			ee	"	"		
7				"		30.36	u	ш			44	"	4		
8				u		30.38	"	ш			ш	"	2		
9				"	2	u	50	50			44	4	9		
10				ш	ш	u	52	53			ш	"	"		
11				44	"	и	55	57				44	"		
Noon				"	u	u	57	59			и	4	и		
Distan	nce rur	n by L	og since pre	eceding No	on					k	nots	fa	thoms.		
Latitud	de by	D. R. a	at Noon								0			и	
Longit	ude b	y D. R	. at Noon								0			и	
Latitud	de by	Obser	vations at N	Noon ⊕							0			и	
Longit	ude b	y Chro	onometer fro	om Foreno	on Obsen	vations ⊕					0	•		и	
Currer time	nt duri	ng the	•	knot	s	fms. per	hour, se	etting to	the						
	ion of	the Co	ompass by	Amplitude	⊕ observe	ed at Sunrise					0	u		"	
Variat	ion of	the Co	ompass by	Azimuth ⊕	observed	at					0	ш		ш	
Water	expe	nded o	during the p	receding 2	4 hours								g	allons.	
Water					during	the preceding	24 hou	rs						"	
Water	rema	ining o	on hand fit f	or me at N	oon									"	
			uring the pr		hours								1805	lbs.	
Coal r	emain	ing or	hand at No	oon							69	" 1	1915	44	
P,M.															
1				N	1	30.33	57	57			bc	Cir Cum	9		
2				"	u	u	"	59			u	"	"		
3				S	и	u	59	ш			u	ш	"		
4				SW	u	u	"	ш			"	"	"		
5				"	2	и	"	57			44	"	"		
6				"	**	30.34	"	56			44	"	8		
7				ш	ш	30.36	56	ш			"	"	"		
8				"	u	30.37	59	55			"	"	"		
9				"	и	30.36	"	ш			u	44	ш		
10				"	"	u	"	"			"	"	"		
11						u.						-			
Mid.				-	-	•	-	-			-	-	-		
Longit	ude b	y Chro	onometer fro	om Afterno	on Obser	vations ⊕					0	,		u	
-			onometer O]			0			"	
			ompass by			ol	served	at Suns	et		0	4		44	
Variat	ion of	the Co	ompass by				at				0	•		65	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and calm. Bright moonlight. Swung to ebb tide at 12.30. Moon set at 3.45. Clear hawse.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Weather clear and pleasant with light N.E. wind. At 7.20 swung to flood tide.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Cool. Pleasant. Light N.E. wind. Cir cum clouds. Riding to flood tide. Clear hawse. Banked fires under two main boilers. Distilling. Temp coal bunker 68°. At 9.30 mustered, and inspected crew at quarters. Cork Jones, John Mahoney (2nd C.B.) John Gabel (2nd C.B.) and Andrew McGarvey (1st C.F.) absent without leave. Comdr H.A. Adams USN. Paid an official visit to the ship. An ash scow was brought off by Harbor Authorities.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Weather clear and pleasant with light variable airs. At 4.10 ship swung to the ebb tide. At 3.30 furled sail. Broke out spare bower anchor and got it over the port bow.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. At 4.53 S.O. ship made signal No 1078. Cloudy. Cool. Pleasant. Light S.W. breeze, cir cum clouds. At 5.30 mustered crew at quarters. At 7.20 slack water. At 7.50 swung to flood tide. Clear hawse. By order of Comdg. Officer Wm. White (2nd C.B.) was given four days extra duty for disobeying orders. Harry Hill (2nd C.B.) Robt. McGuckin (2nd C.B.) Tho C. Purty (AS 2nd C) Wm. White (2nd C.B) and George W. Kaleu (2nd C.B) were given four hours extra duty for defacing paint work. Banked fires under two main boilers. Distilling. Temp coal bunkers 66°. (Signed) Richard G. Davenport

From 8 to Midnight. Weather clear and pleasant with light airs from S and W. At 8 swung to flood tide. Distilling with two main boilers. Clear hawse at end of watch. Temp coal bunkers 68°. (Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut. Navigator.

Lieut.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Off Philadelphia, Pa.

			WINDS. BAROMETER. TEMPERATURE		JRE.	State of	Forms of		State							
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				Calm	0		30.36	57	55			0	Nimb	0		
2				"	u		u	u	ш			"	**	"		
3				"	и		"	u	и			or	"	u		
4				44	u		"	56	ш			66	44	"		
5				S	2		"	55	54			ОС	**	u		
6				44	ш		ш	u	ш			"	66	"		
7				44	и		30.34	"	и			"	es	"		
8				u	"							"	u	"		
9					3		30.33	57	57				" Nimb			
10				"	u		и	u	ш			ш	Cum	"		
11				44	"		30.29	u	ш			"	66	"		
Noon				ш	ш		30.30	u	и			ш	44	u		
Distan	ce rur	hv I c	na since na	eceding No	ınn						kı	nots	fa	thoms.		
Latitud				cocuing 140	OII						Ki	0	,		u	
			at Noon									0	4		"	
-			ations at N	Noon ⊕								0			u	
				om Foreno	on Obse	rvatio	ns ⊕					0	4		u	
Curren	t duri	ng the		knot	s		fms. per h	our. set	ttina to t	the						
time Variation	on of	the Co	mpass by	Amplitude				,	. 3			0			u	
				Azimuth ⊕								0			u	
				receding 2										g	allons.	
Water				•		the p	receding :	24 hour	s						u	
Water	remai	ining o	n hand fit f	for me at No											"	
Coal co	onsur	ned du	ring the pr	eceding 24	hours								tons	965	lbs.	
Coal re	emain	ing on	hand at N	oon								69	" (950	ш	
DM																
P,M.				14/	3		30.26	50	50				Nimala	0		
1 2				W "	"		30.25	59 "	58 "			OC "	Nimb "	0		
3				44	u		"	u	ш			"	44	"		
4				"	и		30.24	"	ш			ш	"	u		
5				SW	u		u	u	ш			"	Cir	"		
6				"	u		"	57	57			"	Nimb "	"		
7				"	и		u	"	<i>"</i>			u	"	"		
8				ш	u		и	"	ш				44	"		
9				"	u		ш	u	ш			"	ш	"		
10				"	u		"	58	56			"	"	"		
11				"	u		и	u	ш			ш	u	"		
Mid.				"	"		30.22	59	u			"	"	"		
				om Afterno		rvatio	ns ⊕					0	,		"	
				bservation	S]			0	•		и	
				Amplitude			ob	served a	at Suns	et		0	•		и	
Variation	on of	the Co	mpass by					at				0	,		ш	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Rainy. Disagreeable. Nimb clouds. At 1.20 slack water. Swung to ebb tide at 1.40. Clear hawse. Banked fires under to [two] main boilers. Distilling. Temp coal bunker 71°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast with light drizzling rain. Riding to the ebb tide. Clear hawse.

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. Weather overcast and pleasant with light airs from S. Riding to flood tide during watch. Clear hawse at end of watch. Temp of coal bunkers 77°. Distilling with two main boilers.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Weather overcast. Light breeze from W. At 2 swung to the ebb tide. Cross in hawse, port chain on top. Temp coal bunkers 70°. Steam pressure 29 lbs.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Weather overcast and pleasant with light breeze from S. and W. Cross in hawse and end of watch. Temp coal bunkers 71°. Distilling with two main boilers.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Midnight. Overcast. Light S.W[ester]ly airs. Swung to flood tide at 8.45. Ship swinging to starboard. Clear hawse.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Off Philadelphia Pa

		WINI	DS.	BAROMETER.			TEMPERATURE.									
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Λ Μ	Ā	E E										,		Ľ.		
A,M.				0-1	0		00.04	50	50			h - 14	Cir	_		
1				Calm	0		30.24	53	53			bc M	Cum	5		
2				ű	ш		и	44	es			и	"	и		
3				er	ш		ш	44	52			44	"	6		
4				es	ш		и	44	ш			и	"	и		
5				и	ш		30.25	55	ш			ob	Nimb"	0		
6				er	"		"	57	56			"	44	и		
7				er	ш		ш	"	57			44	ш	1		
8				ш	ш		64	60	44			44	"	8		
9				SSE	1		30.20	62	58			Cum	Cum	и		
10				ш	ш		u	64	61			44	"	и		
11				u	2		30.16	"	63			ш	u	u		
Noon				ш	и		30.14	66	65			ш	"	u		
			og since pre	eceding No	on						k	nots		thoms.		
Latitud												0	•		"	
			. at Noon									0	•		ш	
			vations at N									0	•		ш	
-			nometer fro	om Foreno	on Obse	rvatio	ns ⊕					0	•		ш	
Curren time	t duri	ng the		knot	s		fms. per h	nour, se	tting to	the						
	on of	the Co	mpass by	Amplitude	⊕ obser	ved at	Sunrise					0		4	"	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0		4	"	
Water	exper	nded d	uring the p	receding 2	4 hours									ga	allons.	
Water					during	the p	receding	24 hour	s						u	
Water	remai	ining o	n hand fit fo	or me at No	oon										и	
Coal c	onsur	ned du	ring the pre	eceding 24	hours								tons	1250	lbs.	
Coal re	emain	ing on	hand at No	oon								68	" .	1940	u	
P,M.																
1				S	2		30.07	71	70			bc	Str	8		
2				SW	и		30.06	72	74			"	ш	9		
3				u	и		30.03	74	75			"	ш	и		
4				u	и		ш	u	и			"	ш	и		
5				и	1		30.02	"	и			"	44	u		
6				и	ш		ш	72	72			"	ш	8		
7				и	ш		ш	70	69			"	ш	9		
8				ш	u		30.00	68	67			u	ш	"		
9				Calm	0		30.03	64	63			"	Cir Str	u		
10				u	ш		и	61	61			"	ш	u		
11				44	ш		ш	"	60			u	Cir	5		
Mid.				ш	ш		и	"	и			u	Cum "	u		
ivilu.																
Lonaiti	ıde h	v Chro	nometer fro	om Afterno	on Obse	ervatio	ns ⊕					0			"	
_			nometer O				, .]		o		,	"	
_			mpass by		-		οh	served				0			"	
			mpass by i	p.ituuc			JU	at	at Juni			0		ı	"	
v ai ialli	011 01		mpass by					aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather pleasant, misty, calm. Slack water at 1 o'clock. Swung to ebb tide at 1.30. Cross in hawse at end of watch. Temp coal bunker 81°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Thick fog. Clearing in latter part of watch. Riding to ebb tide. Slack water at 8. Cross in hawse, starboard chain on top.

(Signed) J.K. Cogswell Lieut.

From 8 to Merid. Weather warm and hazy. Light S.E[aster]ly airs. Inspected crew at quarters. Ship swung to port to the flood tide at 8.30. Elbow in hawse. George R. Wilson (2nd C.F.) was rated 1st C.F. by order of Comdg Officer, upon recommendation of Chief Engineer.

(Signed) J. T. Sullivan.

From Merid. to 4 P.M. Weather warm and pleasant. Light breeze from the S. and W. Clear hawse. Put on mooring swivel. Swung to ebb tie at 2. Temp of coal bunker 70°. Steam pressure 25 lbs.

(Signed) J.K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light S.W[ester]ly airs. Riding to the ebb tide. Mustered crew at quarters.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Mild pleasant weather. Calm. Bright moonlight. Swung to flood tide at 8.30. (Signed) J. F. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Off Philadelphia Pa.

				WINI	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥															
1				SW	1		30.00	60	59			b	Cir	10		
2				ш	u		"	u	"			и	Cum "	"		
3				ш	u		u	u	"			и	"	"		
4				"	u		u	"	"			"	"	u		
5				"	u		u	u	"			bm	"	u		
6				ш	"		"	"	"			44	"	"		
7				ш	"		29.99	61	60			44	"	"		
8				ш	u		u	62	61			66	"	u		
9				"	2		29.96	68	68			bc	"	7		
10				ш	u		29.92	70	72			44	ш	8		
11				ш	u		29.92	"	**			44	ш	u		
Noon				ш	u		u	u	"			44	ш	u		
			og since pre	eceding No	on						k	nots		thoms.		
			at Noon									0	•		и	
			. at Noon									0	4		"	
			vations at N									0			"	
_			onometer fro	om Foreno	on Obser	vations	⊕ ⊕					Ü	•		"	
Currer time	it duii	ng me	;	knot	S	fn	ns. per l	nour, se	tting to	the						
Variati	on of	the Co	ompass by	Amplitude	⊕ observ	ed at S	Sunrise					0			и	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	l at						0			"	
Water	exper	nded c	during the p	receding 2	4 hours									g	allons.	
Water					during	the pre	eceding	24 hou	rs						и	
			on hand fit f												и	
			uring the pr		hours								tons	1920	lbs.	
Coal re	emain	ing on	n hand at No	oon								68	" 2	20	44	
P,M.																
1				SW	2		29.36	72	72			bcm	Cir	7		
2				"	2-4		29.87	74	74			**	Cum "	u		
3				"	1-5		29.75	75	75			bm	"	u		
4				и	"		29.68	77	77			bcm	"	"		
5				SSW	"		"	74	75			и	ш	5		
6				ш	u		u	73	74			44	"	2		
7				"	u		29.72	71	72			и	Cir	1		
8				ш	u		29.70	70	71			ш	Nimb "	"		
9				"	"		"	"	70			"	"	"		
10				"	"		"	"	"			"	"	"		
11				"	u		u	u	и			и	ш	u		
Mid.				er	"		"	"	и			"	66	"		
Longit	ude b	y Chro	onometer fro	om Afterno	on Obser	vations	s ⊕					0	4		"	
Longit	ude b	y Chro	onometer O	bservation	S]			0			"	
Variati	on of	the Co	ompass by	Amplitude			ob	served	at Suns	et		0			"	
Variati	on of	the Co	ompass by					at				0	•		44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light S. W[ester]ly airs. Swung to the ebb at 3 o'clock.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Misty. Light S.W. breeze. Riding to ebb. Steam in two main boilers. Distilling. Temp of coal bunker 70°. Steam pressure 25 lbs.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Warm and pleasant. Light S.W. breeze. Riding to flood. Inspected at quarters at 9.30. David Dalton (S.C) Benj Flynn (P.M.) J.T. Mahoney, (B) John Gabel (B) were about, having remained ashore over liberty. Edward Moran (B) J.V. Marion (B) left the 2nd cutter without permission while ashore on duty. A number of Centennial visitors visited the ship. Sent a liberty party of boys to the exposition. Gave Private Buckley one extra post, by order of Comdg Officer, for lounging on duty.

(Signed) J. K Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Pleasant. Blowing in fresh puffs from S.W. Slack water at 3. Swung to the ebb at 3.45. Steam on two boilers. Distilling. Temp coal bunkers 70°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Cloudy. Warm. Squally. Wind from S and W. Mustered crew at quarters. David Dalton (S.C.) P.H. Emmond (B) Robt McGuckin (B) James B. Stanley (B) R.P. Wilkins (B) were reported absent without leave.

(Signed) J.T. Sullivan Lieut.

From 8 to Midnight. Pleasant. Squally from S.W. Cir cum clouds. Obscured moonlight. Slack water at 9.50. Swung to flood at 10.45. Steam on two boilers. Distilling. Temp coal bunkers 75°. (Signed) Richard G. Davenport

Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Off Philadelphia Pa.

				WINE	os.		BAROMI	ETER.	Т	EMPERATI	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥															
1				SSW	1-5		29.72	68	68			obc	Cum	0		
2				и	u		"	u	и			ш	Nimb "	"		
3				ш	u		"	u	и			44	"	u		
4				и	u		u	"				ш	**	"		
5				WNW	5		29.74	64	64			org	"	"		
6				и	"		29.76	60	60			bc	66	1		
7				u	"		29.80	"	u			ш	"	3		
8				и	u		29.84	u	61			ш	66	u		
9				u	"		29.85	"	u			bqr	"	0		
10				NW	ш		u	u	62			u	44	1		
11				и	"		29.87	"	63			bc	"	2		
Noon				u	u		29.88	63	и			ш	ш	4		
Distan	ce rui	n by Lo	og since pre	ecedina No	on							knots	fa	athoms.		
		•	at Noon	300ug . 10	011							0		,	и	
			. at Noon									0			"	
			vations at N	loon ⊕								0			"	
			nometer fro		on Obser	vations	s ⊕					0			"	
Currer	nt duri	ng the		knot	s	fı	ns. per l	hour, se	tting to	the						
time Variati	on of	the Co	ompass by						Ü			0		"	"	
			ompass by									0		"	"	
			uring the p											g	gallons.	
Water					during	the pr	eceding	24 hou	rs						"	
Water	rema	ining c	n hand fit f	or me at No	oon										и	
Coal c	onsur	ned di	uring the pr	eceding 24	hours							1	tons	240	lbs.	
Coal re	emain	ing on	hand at No	oon								151	u	2020	u	
P,M.																
1				SW	5		30.88	63	63			bc	Cir			
2					"		30.90	"	"			"	Cum "			
3				и	u		30.94	u	"			"	"			
4				и	3		30.96	"				"	**			
5				u	2		30.30	u	"			b	"			
6				u	"		u	62	62			44	66			
7				и	u		30.02	60	60			"	**			
8				W by	"		30.04	59	59			44	66			
9				N "	1		30.06	58	58			bc	Cir			
10				и	"		"	56	55			u	"			
11				и	"		30.10	55	52			и	ш			
Mid.				u	u		30.14	и	51			и	ш			
-			nometer fro			vation	s ⊕					0		•	ш	
_			nometer O		6]			0		•	и	
			ompass by	Amplitude			ob		at Suns	et		0		•	и	
Variati	on of	the Co	ompass by					at				0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Passing showers. Wind from S and W. Squally. Swung to the ebb tide at 3.30.

(Signed) J.T. Sullivan.

From 4 to 8 A.M. First leave of watch, weather overcast, raining and squally. Rest of watch, clear and pleasant with fresh breeze from N. and W. Riding to the ebb during watch. Received on board in Pay Department 165 lbs fresh beef and 130 lbs of vegetables. Temp of coal bunkers 84°. Lieut. Commdr Schouler returned from leave. Two lighters, said to contain 80 tons of coal, came alongside.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Cloudy. Cool. Pleasant. Moderate N.W. wind, cum nimb clouds. At 8.50 "Plymouth" made Prep signal 5455. At 8.55 signal 5455. At 9 loosed sail. At 9.15 commenced coaling ship. At 9.50 slack water. At 10.15 swung to flood. Steam on two boilers. Distilling. Temp coal bunker 78°. Received in Equipment Department about 29 tons of coal. David Dalton (S.G.) returned from liberty.

(Signed) Richard G Davenport Lieut.

From Merid. to 4 P.M. Weather clean and pleasant with fresh breeze from S and W. Coaling ship. Slack water at 3.20. Ship swung to ebb at 3.45. Received in Equipment Department about 41 tons of coal during watch.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Cool. Pleasant. Light N. W. breeze. Finished coaling ship. Received in Equipment Department about 15 tons of coal. Making in all about 85 tons. Tug towed barge away. By order of Comdg Officer Michael Maugau (2nd C.B) was given four hours extra duty for disobedience of orders as coxswain of boat. Harry Hill (2nd C.B) and A.T. Leigh (2nd C.A.) four hours extra duty for going below. T.D. Talmage (2nd C.B) and A. T. Leigh (2nd C.A.) five days extra duty for disobedience of orders of Capt. Tops shirking. Steam on two boilers. Distilling. Temp coal bunkers 75°. Rising to the ebb tide. F. S. Handley received four days extra duty for disobedience of orders of Capt of Top.

(Signed) Richard G Davenport Lieut.

From 8 to Midnight. Weather clear and pleasant with light breeze from the W. Slack water at 10.30. Swung to flood tide at 11 o'clock. Moonlight.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut.
Navigator.

				WIN	DS.		BAROME	TER.	Т	EMPERATI	JRE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_	_														
1 1				NW	2		30.74	51	50			b		10		
2				"	"		"	"	49			"		"		
3				"	"		30.15	u	u			ш		"		
4				ш	"		30.16	"	u			"		u		
5				44	"		30.20	u	ш			ш		u		
6				"	"		30.24	50	и			"		u		
7				ш	3		30.28	u	ш			ш		u		
8				"	"		30.30	"	50			"		u		
9				u	4		u	u	52			bc	Cum	9		
10				ш	"		и	54	57			ш	"	u		
11				ш	"		и	55	и			ш	"	u		
Noon				"	"		u	57	ш			ш	ш	u		
				eceding No	on						k	nots	f	athoms.		
Latitude												0			и	
			at Noon									0			"	
			ations at N		Ob							0				
Current				om Foreno								-			-	
time				knot			fms. per h	our, se	tting to	the						
				Amplitude			Sunrise					0		и	и	
				Azimuth ⊕		d at						0		ш	и	
	exper	ided d	uring the p	receding 2										ç	allons.	
Water						the p	receding	24 hour	S							
				or me at N									4	4000		
				eceding 24	nours							151	tons	1800 220	lbs.	
Coarre	IIIaIIII	ing on	hand at No	0011								131		220		
P,M.																
1				NW	4		30.28	60	59			bc	Cir	9		
2				"	3		"	62	61			"	"	8		
3				ш	"		30.26	64	63			u	"	u		
4				"	2		u	ш	ш			"	ш	9		
5				NW by W	3		30.28	"	60			"	Cir Cum	"		
6				"	"		30.31	61	55			ш	"	u		
7				"	2		30.32	61	55			ш	"	u		
8				u	"		30.34	u	ш			u	ш	u		
9				"	"		u	58	53			44	u	8		
10				44	"		u	56	51			44	"	7		
11				"	ш		30.36	55	50			"	"	u		
Mid.				ш	"		u	54	49			ш	**	u		
												_				
				om Afterno		rvatio	ns ⊕			_		0			ш	
-				bservation	S]			0				
			mpass by	Amplitude			ob	served :	at Suns	set		0			"	
Variatio	on of t	tne Co	mpass by					at				Ü				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Light N.W. breeze. Bright moonlight. Slack water at 3.30. Swung to ebb tide. Steam in two boilers. Distilling.

(Signed) Richard G Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant. Light N.W[ester]ly air. Riding to ebb tide. Hauled fire under boiler No. 2 and 4 port side.

(Signed) J.T. Sullivan Lieut.

From 8 to Merid. Weather clear and pleasant with fresh breeze from N and W. Cool and bracing. Slack water at 10. Swung to flood at 10.30.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N and W. Riding to flood tide.

(Signed) J.T. Sullivan

Lieut.

From 4 to 8 P.M. Clear and pleasant with light breeze from S and W. Slack water at 4. Swung to ebb at 4.15. Moon rose at 7. Post Asst Paymaster T. Dennison Hurlburt left the ship with six days leave of absence.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and cool. Light N.W[ester]ly airs. Slack water at 11.50.

(Signed)J.T. Sullivan

Asa Walker, Lieut. Navigator.

				WINE	OS.		BAROMI	ETER.	TI	EMPERATI	JRE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	×	ш.														
7, IVI.				NNW	2		30.36	52	50			bc	Cir	5		
2				"	"		30.38	"	48			"	"	6		
3				ш	и		"	"	"			4	ш	"		
4				ш	"		"	50	44			**	"	и		
5				44	u		30.40	"	47			**	Cum	4		
6				ш	"		30.42	"	"			44	ш	ш		
7				"	"		30.44	"	44			66		0		
8				ш	u		"	"	48			**	ш	2		
9				ш	1		"	51	50			**	Cir	4		
10				ш	и		u	52	51			"	ш	5		
11				ш	u		"	53	52			**	ш	и		
Noon				ш	и		u	54	53			"	ш	и		
Distan	ce run	by Lo	ng since pre	eceding No	on						k	nots	fa	athoms.		
Latitud	le by [D. R. a	t Noon									0		•	u	
Longitu	ude by	y D. R.	. at Noon									0			u	
Latitud	le by (Observ	vations at N	loon ⊕								0		•	"	
Longitu	ude by	y Chro	nometer from	om Foreno	on Obse	rvatio	ns ⊕					0		•	"	
Curren time	t durii	ng the		knot	s		fms. per l	nour, se	tting to	the						
	on of	the Co	mpass by	Amplitude	⊕ obser	ved at	Sunrise					0		и	u	
				Azimuth ⊕								0		и	u	
				receding 2										g	allons.	
Water				Ü		g the p	receding	24 hour	s					Ü	u	
Water	remai	ining o	n hand fit f	or me at No											"	
				eceding 24									tons	1400	lbs.	
			hand at No									150		1060	ш	
P,M.																
1				NE	2		30.30	58	58			bc	Cir	8		
2				и	ш		30.38	60	ш			и	ш	9		
3				ш	ш		30.48	61	59			u	u	ш		
4				ш	"		"	"	62			es	ш	и		
5				NNW	1		"	"	"			"	"	6		
6				"	ш		"	"	"			u	ш	7		
7				Calm	0		44	"	ш			и	ш	ш		
8				ш	"		"	"	"			es	ш	и		
9				Е	1		30.42	52	51			ш	ш	9		
10				44	"		30.44	"	"			"	"	u		
11				44	"		"	"	"			"	"	u		
Mid.				ш	"		ш	"	"			ш	ш	ш		
		0:		4.6	٥.							0		,	"	
-		•		om Afterno		ervatio	ns ⊕		_			0				
-				bservations	3]			0				
			mpass by	Amplitude			ob		at Suns	et		0		•	u	
Variati	on of	the Co	mpass by					at				0		1	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool and pleasant with light breeze from N. and W. At 12 swung to flood tide. Moonlight.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Weather cool and hazy. Gentle breeze from W.N.W. High water at 6. Received fresh provisions for crew.

(Signed) J.K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light N. W[ester]ly airs. Turning to the flood at 11.50. At 9.45 Commanding Officer inspected the ship and the crew at quarters. At 10.15 had general muster and read the Articles of War. The following named men are absent without leave. Richard Beale (Main) John Gabel (Boy) deserted from boat. John C. Gable (Boy) J.J. Griffith (Boy) D. W. Hellen (Boy) J. Kaiser (Boy) Gustave Rowe (Boy) Tho C Pewty (O.S. 2nd C.) J.B. Stanley (Boy) Richard Wilkins (Boy) Held divine services at 10.45 a clergyman from shore officiating. # W.J. Hasson (Boy)

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and pleasant. Gentle breeze from N and E. Sent visiting party to the "Plymouth". Riding to the flood.

(Signed) J.K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light airs and calm. Swung to the ebb tide at 6 o'clock.

(Signed) J. T. Sullivan

Lieut.

From 8 to Midnight. Cool and clear. Light breeze from the East. Riding to the ebb.

(Signed) J. K. Cogswell Lieut.

> Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROME	TER.	Т	EMPERATI	JRE.	State of	Forms of	. .	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				NE	1		30.40	52	50			bc	Cir	4		
2				"	ш		u	"	u			"	Cum "	"		
3				u	ш		u	"	49			ш	44	6		
4				ш	ш		30.42	51	48			44	"	8		
5				"	и		u	49	46			bcw	"	u		
6				ш	u		30.43	48	45			ш	**	"		
7				u	u		30.44	"	"			ш	"	"		
8				44	и		u	u	ш			и	44	u		
9				u	2		30.42	51	49			bc	Cum	6		
10				44	u		30.40	53	53			44	66	4		
11				"	и		u	"	"			66	"	2		
Noon				и	и		и	и	ш			es		u		
Distan	ce run	ı bv Lo	a since pre	eceding No	on						k	nots	fa	thoms.		
			t Noon									0		4	и	
			at Noon									0		4	и	
Latitud	le by (Observ	ations at N	Noon ⊕								0		4	и	
Longit	ude by	y Chro	nometer fr	om Foreno	on Obse	rvatio	ns ⊕					0		4	и	
Currer time	nt durii	ng the		knot	s		fms. per h	nour, se	tting to	the						
	on of	the Co	mpass by	Amplitude	⊕ observ	ed at	Sunrise					0			и	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0			и	
Water	exper	nded d	uring the p	receding 2	4 hours									g	allons.	
Water					during	the p	receding	24 hour	s						"	
Water	remai	ning o	n hand fit f	or me at N	oon										u	
				eceding 24	hours								tons	1805	lbs.	
Coal re	emain	ing on	hand at N	oon								149	er .	1495	ш	
P,M.																
1				NE	3		30.34	53	43			bc	Cum	2		
2				u	и		30.33	54	54			0	"	0		
3				44	u		30.29	58	56			и	66	"		
4				"	4		30.25	и	58			ш	и	u		
5				SE	3		30.22	и	57 "			ш	Nimb "	и		
6				u	2		30.20	"	"			u	"	u		
7				u	u		30.18	"						"		
8 9				"	"		30.15	"	58			od or	u	"		
10				и	ш		30.13	59	59			ű	и	и		
11				44	1		30.13	60	60			u	ш	"		
Mid.				и	"		30.08	"	"			ш	и	"		
Longit	ude by	y Chro	nometer fr	om Afterno	on Obse	rvatio	ns ⊕					0		4	и	
Longit	ude by	y Chro	nometer O	bservations	S]	l		0		4	"	
Variati	on of	the Co	mpass by	Amplitude			ob	served	at Suns	set		0		•	ш	
Variati	on of	the Co	mpass by					at				0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool. Light N.E[aster]ly airs. Swung to the flood tide at 1 o'clock.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Light N. E. breeze. Cir cum clouds. Slack water at 5.30. Swung to ebb at 6. Steam in two boilers.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather cool and cloudy. Light N.E. breeze. Placed John Lucey (Boy) in solitary confinement on bread and water by order of Comdg Officer, for assaulting another, and drunkenness. Crew engaged in scraping gun carriages. Carpenters gang in painting white streak outside. Low water at 12.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Damp. Cool. Disagreeable. Moderate S.E. breeze, cum clouds. Swung to flood at 12.30. Received in Navigation Department, from U.S. Navy Yard, League Island, 80 lbs sounding wire, and three specimen cups. Also Admiralty chart No. 24 and Hydrographic chart No. 454. Port Asst Surgeon Wm B. David left the ship for five day leave of absence. Steam in two boilers. Wm G. Norwood (Boy) returned to the ship.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast and damp. Light drizzling showers in latter part of watch. Mustered at quarters at 5.20. High water at 6.15.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast. Rainy. Cool. Disagreeable. Light S.E. breeze, nimb clouds. Riding to ebb. Steam in two boilers. At 8 commenced distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROME	ETER.	TE	EMPERAT	URE.	State of	Forms of	٠.	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	₹.	leight in iches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥															
1				SE	1	30	0.42	60	58			or	Nimb			
2				u	"	"		"	"			ш	и			
3				и	u	u		"	"			ш	44			
4				и	u	u		"	"			ш	44			
5				и	2	30	0.02	"	57			ш	44			
6				и	u	u		"	"			ш	44			
7				ш	u	u		"	"			ш	44			
8				ш	u	u		"	"			ш	44			
9				S	u	u		"	"			ш	44	0		
10				SW	u	u		59	"			ш	44	0		
11				WSW	u	u		"	"			ш	44	u		
Noon				ш	u	и		"	"			и	44	"		
•																
			og since pre	eceding No	on						k	nots		athoms.		
			at Noon									0		•	u	
			. at Noon									0		•	u	
			vations at N									0		•		
-			nometer fro	om Foreno	on Obser	vations (Ð					0		•	"	
Currer time	it duri	ng me		knot	s	fms	s. per h	nour, se	tting to t	the						
Variati	on of	the Co	ompass by	Amplitude	⊕ observ	ed at Sui	nrise					0		ш	"	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	d at						0		ш	u	
Water	exper	nded d	luring the p	receding 2	4 hours									221 g	allons.	
Water					during	the prec	eding	24 hour	rs						"	
Water	remai	ining c	n hand fit f	or me at N	oon									224	9 "	
Coal c	onsur	ned dı	uring the pr	eceding 24	hours							1	tons	180	lbs.	
Coal re	emain	ing on	hand at No	oon								148	ш	1315	"	
P,M.																
1				N BY E	3	29	9.98	59	57			or	Nimb			
2				ш	"	29	9.96	"	"			"	ш			
3				ш	"	29	9.64	"	"			"	ш			
4				ш	"	29	9.92	"	"			"	ш			
5				NW	u	и		58	56			"	и			
6				и	u	и		57	55			"	и			
7				44	u	ш		56	"			44	44			
8				44	u	ш		55	54			44	44			
9				NNW	u	ш		"	52			ш	"			
10				44	4	и		u	50			44	44			
11				44	u	ш		"	"			ш	"			
Mid.				ee	u	ш		u	**			u	66			
Longit	ude b	v Chro	onometer fro	om Afterno	on Ohsei	vations 4	Æ					0			es	
_			nometer O			. 45110	_		1			0			"	
			ompass by		-		oh	senied	at Suns			0			"	
			ompass by	p.ii.uuc			OD	at	at Julio			0			"	
· unuti	J 01		разо бу					ui								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Continuous rain. Light wind from S.E. At 1.30 swung to the flood.

(Signed) J. K. Cogswell
Lieut.

From 4 to 8 A.M. Overcast and raining. Ship swung to ebb at 7. Light airs from S and E.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast. Rainy. Cool. Disagreeable. Light S.W. cum nimb clouds. At 9.30 mustered crew at quarters. At 11.30 "Plymouth" made signal no. 1087. Steam on two boilers. Distilling. Riding to ebb. By order of Comdg Officer, J.C. Little(Boy) four hours extra duty, ditty box in lucky bag, Herman Meyer (Boy) sixteen hours extra duty, shirking, Walter Thomas (SC) two hours extra duty, inattention to orders. D.W. Hellen (Boy) J.J. Griffith (Boy) five days extra duty, each repeatedly overstaying liberty. Harry Hill (Boy) A.T. Leigh (Boy) toe seam on quarter deck for fighting. A.T. Leigh (Boy) one week extra duty for using provoking language.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast, raining, with light breeze from N.E. Distilling two main boilers. Swung to flood at 1.50.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Overcast. Raining. Cool. Disagreeable. Light N.W. breeze. Nimb clouds. At 4.45 mustered crew at quarters. Slack water 6.40. Swung to ebb at 7.15. Steam on two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast, cool and rainy, with fresh breeze from N.N.W. Riding to ebb tide during watch.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut.
Navigator.

				WINE	os.		BAROME	TER.	Т	EMPERATI	JRE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				NW	2		29.92	50	59			b	Cir	0		
2				и	2-3		29.91	59	49			66	Nimb "	u		
3				ш	2-4		29.90	50	"			bc	Cum	"		
4				и	2-5		29.89	59	"			u	Cir	2		
				и	3				47			"	Cum Cir			
5				ш	ى "		29.90	49	47			u	Nimb "	5		
6				и	"		29.91 29.92	u				64	ш	4 2		
7 8				44	u		29.92	u	"			44	"	1		
9				u	"		<u>"</u>	50	50			b	Nimb	'		
				u	"		u	"	"			"	Cum "			
10				u	"		и	u				64	ш			
11 Noon				ш	"		"	u	51 "			"	"			
•																
Distan	ce rur	by Lo	g since pre	eceding No	on						k	nots	fat	homs.		
Latitud	le by I	D. R. a	t Noon									0			ш	
Longit	ude b	y D. R.	at Noon									0			и	
Latitud	de by (Observ	ations at N	loon ⊕								0			ш	
-			nometer fro	om Foreno	on Obse	rvatio	ns ⊕					0	•		и	
Currer time	nt duri	ng the		knot	s		fms. per h	our, se	tting to	the						
	on of	the Co	mpass by	Amplitude (⊕ observ	ed at	Sunrise					0	66		ш	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0	44		"	
Water	exper	nded d	uring the p	receding 24	4 hours									221 g	allons	
Water					during	the p	receding	24 hour	s						"	
		-		or me at No										1969	"	
				eceding 24	hours								tons		lbs.	
Coal re	emain	ing on	hand at No	oon									ű		"	
P,M.																
1				NW	2		29.92	52	52			0	Cum	4		
2				WNW			29.91	54	54			ш	"	u		
3				N	1		29.90	55	55			44	"	u		
4				NNE	2		29.89	u	ш			be	ш	u		
5				44	"		29.90	57	"			b	"	"		
6				и	u		29.91	u	ш			и	44	u		
7				u	u		"	u	"			44	ш	"		
8				и	"		"	u	ш			ш	"	"		
9				ш	1		ш	u	"			u	"	и		
10				N	u		и	56	54			bc	44	5		
11					"			"	"				"	8		
Mid.				-	•		-	-	-			-	Cir	9		
Longit	ude b	v Chro	nometer fr	om Afterno	on Obso	nystic	ne 🕀					0	,		и	
-				bservations		ı valiU	113 ⊕]			o	,		"	
-			mpass by		•		oh	served a				0	,		"	
			mpass by	piituue			OD.	at	ar Ourio			o	,		ш	
· andu	J 01		pass by					uı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Cool. Pleasant. Puffy from N.W. Obscured moonlight. Steam on two boilers. Distilling. Slack water at 2.50. Swung to flood at 3.20.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Pleasant, with light cir cum clouds. W.F. Hasson (Boy) returned from liberty four days over time. At 7.30 ship swung to ebb tide. Clear hawser.

(Signed) Asa Walker

Lieut.

From 8 to Merid. Clear, cool and pleasant. Light breeze from N.W. Riding to ebb. At 8.50 made signal, interrogatory 5455. "Plymouth" answered 904. At 9 loosed sail. Scraping spars. John Lucey (Boy) simple confinement, on full ration, awaiting the result of assaulting Wm. Bruman (Boy).

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Light N.W[ester]ly breeze, shifting to W[ester]ly. Swung to flood tide. At 12.55 "Plymouth" made signal 4826, and at 1, 4826. Furled sail at 1 o'clock. John Gable and John F. Mahoney (2nd C Boys) were declared deserters, having been absent from the ship two days without leave.

(Signed) J. T. Sullivan

Lieut.

From 4 to 8 P.M. Clear, cool and pleasant, overcast. Light breeze from N. and E. Riding to flood during watch. Commenced distilling at 6.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Midnight. Overcast first part of watch, and light N.E[aster]ly airs and clear latter part. Swung to the ebb at 8.45.

(Signed) J.T. Sullivan Lieut.

Asa Walker, Lieut. Navigator.

				WINE	os.		BAROMI	ETER.	Т	EMPERAT	JRE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1				NW	2		30.02	51	47			bc	Cum	3		
2				"	u		"	ш	ш			ш	ш	4		
3				66	44		u	44	**			u	ш	и		
4				ш	и		ш	44	**			ш	и	и		
5				"	u		"	51 "	"			u	u	3		
6				"	"		"	"	"			"		4 7		
7 8				ш	"		"	"	48			u	и	"		
9				NNW	3		u	52	51			u	Cir	6		
				"	2		ш	"	۵۱ "			ш	Cum "	"		
10				ш	2 "		30.04	54	53			u	и	7		
11 Noon				ш	"		30.0 4 "	55	53 54			u	и	"		
٠								55	54							
Distan	ce rur	n by Lo	g since pre	eceding No	on						k	nots	fat	homs.		
Latitud	le by l	D. R. a	t Noon									0	•		и	
Longit	ude b	y D. R	at Noon									0			и	
Latitud	le by	Observ	ations at N	Noon ⊕								0			и	
_				om Foreno	on Obse	rvatio	ns ⊕					0	4		"	
Currer time	nt duri	ng the		knot	S		fms. per l	nour, se	tting to	the						
	on of	the Co	mpass by	Amplitude	⊕ observ	ed at	Sunrise					0	и		**	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0	66		и	
Water	exper	nded d	uring the p	receding 2	4 hours									221 g	allons	
Water		onden				the p	preceding	24 hour	S					730		
				or me at No										2372		
				eceding 24	hours								tons		lbs.	
Coaire	emain	iing on	hand at N	oon												
P,M.																
1				WNW	2		30.08	57	57			bc	Cum	7		
2				"	u		u	u	u			u	и	u		
3				44	ш		u	"	ш			u	и	ш		
4				"	"		"	"	"			"		u		
5				44	2		u	"	56			ш	Cir Cum	u		
6				ш	u		u	44	ш			u	u	u		
7				ш	"		"	"	55			"	ш	u		
8				ш	1		30.10	"	u			ш		u		
9				Calm	0		30.12	54	50			u	Str Cir	8		
10				es	u		30.10	53	"			ш	и	9		
11				ш	"		"	"	49			44	ш	"		
Mid.				ш	u		ш	44	66			44	ш	и		
		0:		4.5	6:							^			_	
_				om Afterno		rvatio	ns ⊕		_			0			u	
-				bservations	3]			0				
			mpass by	Amplitude			ob	served	at Suns	set		0	,		"	
variati	on of	ine Co	mpass by					at				-	•		-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cool pleasant weather. Light breeze from N.W. At 2 ship swung to flood.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 A.M. Pleasant weather. Light breeze from N.W. Riding to ebb tide.

(Signed) J.K. Cogswell

Lieut.

From 8 to Merid. Clear and pleasant. Light N.W[ester]ly airs. At 8.45 "Plymouth" made preparatory signal 5446, and at 9 o'clock 5446. Loosed sail to a bowline. Inspected at quarters at 9.30 and exercised 1st and 2nd divisions with small arms.

(Signed) J. T. Sullivan

Lieut.

From Merid. to 4 P.M. Cool and pleasant. Light N.W. breeze. At 3.15 "Plymouth" signaled preparatory 4826. At 3.30 4826. Furled sail. Low water at 4.

(Signed) J. K. Cogswell

Lieut.

From 4 to 8 P.M. Clear and pleasant. Light W[ester]ly airs. Swung to the flood at 4.10. Mustered crew at quarters at 5 o'clock.

(Signed) J. T. Sullivan

Lieut.

From 8 to Midnight. Clear and cool. Calm. High water at 8.40.

(Signed) J. K. Cogswell

Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROME	ETER.	Т	EMPERATI	JRE.	State of	Forms of	٠.	State	
Hour.		Si.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry	Air Wet	Water at	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is
	Knots.	Fathoms.				Lee	inches.	att u.	Bulb.	Bulb.	surface.	symbols.	aymbola.	Prop. Sky, i	Gea.	under at end of watch.
A,M.																
1				N	2		30.40	50	49			bc	Cum	6		
2				u	"		"	49	48			66	u	5		
3				44	и		u	48	47			ш	и	u		
4				"	u		"	47	45			44	"	2		
5				NE	3		"	"	46			om	Cum Nimb	0		
6				44	и		u	48	47			ш	u	u		
7				u	u		u	49	48			ш	"	u		
8				u	u		ш	50	49			ш	44	u		
9				N	2		u	"	47			od	Nimb	u		
10				ш	u		"	"	**			ш	"	u		
.11				44	3		ш	"	"			u	44	"		
Noon				"	ш		и	и	ш			66	и	u		
Dieten		ماييط		aaadina Na							le:		60	thama		
			t Noon	eceding No	OH						K	nots	ıa ,	thoms.	u	
			at Noon									0			"	
			ations at N	Noon ⊕								0			"	
				om Foreno	on Obse	rvatio	ns ⊕					0			"	
Currer				knot			fms. per h	nour se	tting to	the						
time Variati	on of t	the Co	mnase hv	Amplitude			•	1001, 00	ung to	uic		0		4	"	
				Azimuth ⊕			Outilise					0		4	"	
				receding 2		u ut								221 a	allons	
Water	олрог		annig and p			the r	receding	24 hour	s					9	"	
	remai	ning o	n hand fit f	or me at N		, ,	3							2190) "	
				eceding 24									tons		lbs.	
Coal re	emaini	ing on	hand at N	oon								146	"	135	"	
P,M.																
1				NNW "	3		30.06	50 "	46 "			or "	Nimb "	0		
2				"				"								
3				u	и		"	44	4			u		u		
4 5				u	u		30.09	"	47			u	ш	"		
6				ш	u		"	"	"			ш	"	"		
7				"	u		"	"	"			ш	"	"		
8				44	u		"	"	"			и	44	u		
9				"	2		"	"	46			om	Cum	"		
10				и	"		u	"	"			u	Nimb"	"		
11				44	u		30.10	u	u			bc	ш	2		
Mid.				"	ш		"	"	ш			om	и			
Longiti	ude by	y Chro	nometer fr	om Afterno	on Obse	rvatio	ns 8					0	,		"	
Longit	ude by	y Chro	nometer O	bservation	S]			0			u	
Variati	on of t	the Co	mpass by	Amplitude			ob	served	at Suns	et		0	•		"	
Variati	on of t	the Co	mpass by					at				0	•		44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool. Light N[orther]ly breeze. Riding to ebb. Moon rose at 12.15

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast. Cool. Damp. Disagreeable. Moderate N.E. wind. Slack water at 4.30. Swung to flood at 5.10. At 6.25 "Plymouth" fired a salute of thirteen guns. At 8 dressed ship, by order of Senior Officer Present. Fire under two main boilers. Received fresh provisions in Paymaster Department.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather overcast, with drizzling rain in latter part of watch. Inspected at quarters at 9.30. Low water at 11.30.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast and rainy, with light breeze from the N and W. At noon USS "Plymouth" fired a salute of 47 guns. Riding to ebb during watch.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Overcast and rainy. Light N.W. breeze. At sunset the USS "Plymouth" fired a salute of thirteen guns. J. J. Griffiths (Boy) left the gig while ashore on duty. High water at 5.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast. Freshening. Cool. Disagreeable. Light N[orther]ly breeze. Cum nimb clouds. Slack water at 10. Swung to ebb at 10.30. Steam on two boilers.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROM	ETER.	TI	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	-	_														
1				N	4		30.09	48	45			ос	Nimb			
2				ш	u		u	"	"			ш	ш			
3				ш	u		u	"	"			ш	ш			
4				ш	u		u	"	**			ш	ш			
5				NNW	2		30.10	47	44			bc	ш			
6				ш	u		30.12	"	43			**	Cur	5		
7				ш	"		30.14	"	"			ш	Cum`	6		
8				ш	"		"	"	"			ш	ш	8		
9				"	3		30.12	"	44			ш	ш	6		
10				"	"		30.11	48	41			ш	и	7		
11				"	и		"	49	"			ш	ш	8		
Noon				"	и		u	51	47			ш	ш	"		
•								01	71							
			og since pre	eceding No	on						k	nots		thoms.		
			at Noon									0	,	4	44	
-			. at Noon									0		4	ш	
			vations at N									0		4	ш	
-			onometer fr	om Foreno	on Obser	vation	s ⊕					0		4	44	
Currer time	nt duri	ng the	:	knot	S	f	ms. per	hour, se	tting to	the						
Variat	ion of	the Co	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0		4	u	
Variat	ion of	the Co	ompass by	Azimuth ⊕	observed	d at						0		4	"	
Water	expe	nded o	during the p	receding 2	4 hours									221 (gallons	
Water					during	the pr	eceding	24 hou	rs						"	
Water	rema	ining o	on hand fit f	or me at N	oon									219	0 "	
Coal	consu	ned d	uring the pr	eceding 24	hours								tons	1430	lbs.	
Coal r	emair	ing or	hand at N	oon								145	"	945	44	
P,M.													Cir			
1				WNW	3		30.06	51	50			bc	Cum	8		
2				ш	u		u	"	"			44	u	"		
3				ш	2		u	"	"			44	u	"		
4				"	u		u	u	"			"	ш	"		
5				ш	u		30.07	"	"			ш	ш	9		
6				ш	1		30.08	ш	"			u	ee	1 0		
7				ш	"		30.09	"	"			b	ш	"		
8				ш	"		30.10	52	"			44	ш	9		
9				ш	u		u	"	48			bc	Cir Str	"		
10				ш	"		"	50	46			u	**	"		
11				ш	"		"	"	"			u	**	"		
Mid.				ш	u		"	"	и			u	ш	"		
Longit	ude h	v Chr	onometer fr	om Afterno	on Ohsei	vation	s ⊕					0		4	66	
-			onometer O			740011	-		1			0		4	"	
-			ompass by		J		~	nearrad	at Suns			0		4	"	
			ompass by	Ampirtude			OL.	at	at JuliS	-Cl		0		4	"	
variat	.011 01	410 00	unpass by					at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast and cool. Light airs from the N. Riding to the ebb.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear, cool and pleasant with light breeze from N and W. At 5.30 swung to flood. Received in Paymaster Department 160 lbs of fresh beef and 120 lbs of vegetables.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Cool. Pleasant. Moderate N.W. wind. Cir cum clouds. Port Asst Paymaster S. D. Hurlburt and Port Asst Surgeon Wm D. Davie returned from leave. At 9.30 mustered crew at quarters. J.J. Griffiths (Boy) was reported absent without leave. At 9.45 "Plymouth" made preparatory signal 5455. At 9.50 signal 5455. At 9.55 loosed sail. By order of the Navy Department, Cadet Engineer R. G. Reid H. H. Stious and W. B. Dunning were detached from this ship and ordered to the U.S.S. "Ranger". Slack water at 10.45. Swung to the ebb at 11.20. Steam on two boilers. By order of Comdg Officer J. S. Marion (Boy) to toe seam for not coming aft when word was passed. Tho. C. Peuty (O.S. 2nd C) John C Gabel (Boy) extra until further orders for overstaying leave. Phillip Kincade and David Shelly shipped as Lds for three years general service.

(Signed) Richard G Davenport Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Light W.N.W. wind at 1 o'clock furled sail. Riding to the ebb during watch.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Cool. Pleasant. Light W.N.W. breeze. Mustered crew at quarters at 4.50. Slack water at 6. Swung to flood at 6.30. Steam on two boilers.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Weather cool, clear and pleasant with light airs from N and W. Riding to flood during watch. Distilling with two main boilers. Slack water at 11.30. Swung to ebb at 12.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

			WINI	DS.		BAROME	ETER.	Т	FEMPERATI	URE.	State of	Forms of		State	
Knots:	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Ē												Ę. S		
A,M.															
1			NNW "	2		30.10	47 "	45 "			b "		10		
2				"		30.11	"				"		"		
3 4			ш	u		u	"	и			ш		u		
5			NW	3		u	48	44			"		и		
6			NW	"		30.12	"	"			ш		"		
			by W	u			ш								
7						30.14	"	45							
8 9			и	4		30.16 30.19	44	47 50			ш		"		
10			44	"		30.19	50	54					ш		
11			"	и		"	56	57			"		и		
Noon			"	и		"	60	<i>"</i>			"		и		
ė							00								
Distance ru	un by Lo	og since pr	eceding No	on						k	nots	fa	athoms.		
Latitude by											0		4	и	
Longitude	by D. R	. at Noon									0		4	u	
Latitude by	y Obser	vations at N	Noon ⊕								0		•	и	
-	•		om Foreno	on Obse	rvatio	ns ⊕					0		4	u	
Current du time	uring the	:	knot	s		fms. per h	nour, se	tting to	the						
Variation o	of the Co	ompass by	Amplitude	⊕ obser\	ed at	Sunrise					0			и	
Variation o	of the Co	ompass by	Azimuth ⊕	observe	d at						0			ш	
Water expe	ended o	luring the p	receding 2	4 hours									221 (gallons	
Water				during	the p	receding	24 hour	s					36	5 "	
Water rem	naining o	on hand fit f	for me at N	oon									219	0 "	
Coal consu	umed di	uring the pr	eceding 24	hours							1	tons	290	lbs.	
Coal remai	ining on	hand at N	oon								144	и	650	и	
DM															
P,M.			NIVA/	4		20.46	60	50			h		10		
1 2			NW "	4		30.16 30.14	60 "	58 "			b "		10		
3			"	5		"	44	и			и				
4			"	"		30.12	59	57			ш				
5			"	2		30.14	58	55			и				
6			44	u		30.15	58	55			"				
7			ш	u		"	56	53			ш				
8			Calm	0		"	"	u			u				
9			44	и		u	55	52			u				
10			SSW	1		u	54	51			u		"		
11			"	и		30.46	53	50			и		"		
Mid.			44	2		и	52	49			ш		"		
Longitude	by Chro	nometer fr	om Afterno	on Obse	rvatio	ns ⊕					0		4	и	
-			bservation	S]		0		•	ш	
Variation o						ob	served	at Suns	set		0			ш	
Variation o	of the Co	ompass by					at				0		•	ш	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool and pleasant weather with light breeze from the N.W. At 1 o'clock swung to ebb.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Misty. Light N.W. breeze. Slack water at 7. Swung to flood at 7.30. Steam on two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Pleasant weather. Light variable airs. Riding to flood tide. At 9.30 inspected crew at quarters.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Misty. Light S.W. breeze, cir cum clouds. Slack water at 12.30. Swung to ebb at 1. Steam on two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Hazy weather. Light S.W[ester]ly airs. Riding to ebb tide.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Overcast. Cool. Pleasant. Misty. Light S.W. breeze. Cum nimb clouds. Slack water at 8. Swung to flood at 8.30. Steam on two boilers. Distilling.

(Signed) Richard G Davenport Lieut.

Asa Walker, Lieut. Navigator.

				WIN	DS.		BAROME	ETER.	Т	EMPERATI	JRE.	State of	Forms of	. .	State	
Hour.		ns.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry	Air Wet	Water at	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is
	Knots.	Fathoms.				Lee	inches.	att u.	Bulb.	Bulb.	surface.	symbols.	Symbols.	Prop.	Std.	under at end of watch.
A,M.																
1				NW	2		30.12	52	51			b		10		
2				u	u		"	"	"			ш		"		
3				ш	и		ш	44	ш			ш		u		
4				"	и		u	"	и			ш		u		
5				u	и		u	u	ш			bon		u		
6				"	u		30.15	ш	u			ш		u		
7				44	ш		30.14	53	52			ш		u		
8				"	и		30.15	"	"			ш		и		
9				"	и		u	55	54			ш		и		
10				Calm	0		30.12	57	56			ш		ш		
11 Noon				SW	и		u	59	58			"		ш		
·				ш	1		30.10	60	60			u		ш		
Dietan	ca run	hv I c	a since nr	eceding No	on						kı	nots	fa	thoms.		
Latitud				cccuring rvc	,O11						Ki	0	,		"	
			at Noon									0			"	
			ations at N	loon ⊕								0	,		"	
				om Foreno	on Obse	rvatio	ns ⊕					o	4		ш	
Curren	t durii	ng the		knot	s		fms. per h	nour, se	ttina to	the						
time Variation	on of	the Co	mnass hv	Amplitude				,	9			0		4	ш	
				Azimuth ⊕			0400					0			"	
				receding 2		u u.								221 c	allons	
Water		ondens				the p	receding	24 hour	s					96		
Water	remai	ning o	n hand fit f	or me at N	-									250	5 "	
				eceding 24								1	tons	620	lbs.	
Coal re	emain	ing on	hand at No	oon								143	" (30	u	
P,M.													Cir			
1				SW	2		30.08	63	61			fou	Cir Cum	9		
2				44	ш		30.06	64	60			44	44	8		
3				"	и		30.02	65	"			"	"	и		
4				"	и		ш	и	ш			"	и	и		
5				u			u	64	u			"	u	10		
6				"	1			65					"			
7								62								
8								61				"	Cum			
9							30.03	"	61				Nimb	5		
10					u		30.02	"				"	u	4		
11				"	"		"	"	60			"	"	0		
Mid.																
Longit	ıde b	, Chro	nometor for	om Afforns	on Ohoo	nyatio	ne 🕮					0			"	
_				om Afterno		ıvalıO	11 5 🛡		,	1		0			"	
-			mpass by	bservation	5		ch	served a] set		0			u	
			mpass by	, ampilitude			OD	at	at Ouris	,		0			u	
variali	UI UI	00	mpass by					aı								

under the command of Commander W. Scott Schley

, U. S. Navy.

Tuesday November 14th, 1876.

[Editor's Note: The following page was pasted on top of the log entry for November 14, 1876.]

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

The following changes are recommended in the ratings of the crew, in conformity with General Order no. 197 of the Navy Department.

Frank Maguire (Sea) to the rated Quartermaster.

Oscar P. Huntress (Qr Mr) to be disrated to seaman for absence without leave.

John Schouler Lieut. Comdr Asa Walker Lieut. Richard Davenport Lieut.

Approved & ordered W. S. Schley Comder Comdq

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Light airs and calm. Swung to the ebb tide at 1.45. (Signed) J. T. Sullivan

Lieut.

From 4 to 8 A.M. Pleasant weather. Misty. Light airs from N. and W. Riding to ebb tide during watch. Received in Pay Department 160 lbs fresh beef and 120 lbs vegetables.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast. Cool. Pleasant. Misty. Light N.N.W. breeze. Cum nimb clouds. At 9.30 mustered and inspected crew at quarters. 1rst Division and Marine guard exercised at small arms. Powder Division at stations. Steam on two boilers. Riding to flood.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast and pleasant first part of watch. Raining latter part. Slack water at 2.30. Swung to ebb at 3. Midshipmen Richard Henderson and T. D. Griffin reported on board for duty. Jas A. Freeman (Lds) was discharged from the ship and the Naval Service by order of Navy Department. Received in Navigators Department 97 sinkers for sounding, and one specimen cylinder. By order of Commanding Officer, Wm H. Johnson (W.O.S) disrated to (W.O.C.)

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Overcast. Rainy. Cool. Disagreeable. Light N.N.E. breeze. Nimb clouds. Riding to ebb. Steam on two boilers.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast and rainy with fresh breeze from N. and E. At 9 swung to flood. Distilling with two main boilers.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut.
Navigator.

				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_	_														
1				SW	1		30.04	60	59			bc	Cum	2		
2				"	u		ш	"	u			"	"	1		
3				Calm	0		ш	59	58			"	"	0		
4				"	u		ш	"	u			"	"	и		
5				WNW	1		30.06	44	59			bc	Cir	5		
6				"	"		30.08	"	"			"	Cum "	6		
7				"	2		"	"	"			"	"	9		
8				"	"		"	"	"			"	"	"		
				NINDA	и		"	00	00			h	Cum			
9				NNW				60	60			bcsu	Nimb	4		
10				44	и		30.07	62	62			44	44	2		
11 Noon				44	u		30.06	64	64			osu	44	0		
				44	и		и	66	66			44	ш	и		
Distan	ce rur	n by L	og since pro	eceding No	on						ı	nots	fa	athoms.		
Latitud	le by I	D. R. a	at Noon									0		•	и	
			. at Noon									0		•	и	
			vations at N	Noon ⊕								0		•	и	
Longit	ude b	y Chro	onometer fr	om Foreno	on Obsei	rvation	ıs ⊕					0		•	и	
Currer	nt duri	ng the	;	knot	s	1	ms. per	hour, se	ttina to	the						
time Variati	on of	the C	ompass by					,	9			0			ш	
			ompass by				ourinsc					0			ш	
			during the p			u aı								221	gallons	
Water	expe	ilueu (duning the p	receding 2		the n	receding	24 hour	re					221	yalloris "	
	remai	inina a	on hand fit f	or me at N	-	i iiic pi	cccuing	24 11001	3					219	n "	
		-	uring the pr									1	tons	1810	lbs.	
			n hand at N		rilouis							141		385	iD5.	
Court	ciriani	iii ig Oi	Thana at 14	0011										000		
P,M.													Cum			
1				NNW	3		30.09	66	66			0	Nimb			
2				ш	4		ш	"	u			ш	44			
3				ш	u		u	"	"			or	44			
4				ш	u		u	"	"			u	44			
5				NNE	2		30.10	"	65			"	Nimb			
6				ш	u		30.11	65	62			u	44			
7				"	u		30.12	65	59			"	"			
8				ш	u		30.15	60	57			u	44			
9				ш	3		u	58	55			ш	ш			
10				ш	4		u	56	54			ш	ш			
11				"	u		"	53	50			"	ш			
Mid.				ш	u		u	и	и			ш	и			
Longit	ude b	v Chr	onometer fr	om Afterno	on Ohea	nyation	ns 🕀					0		4	u	
•		•	onometer O			valiUl	13 T		,			0			"	
•		•			5		. ا ـ	oon oo	ot Supo			o		4	44	
			ompass by	Amplitude			ot		at Suns	et		0				
variati	on of	tne Co	ompass by					at				•		-	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Raining. Cool. Disagreeable. Fresh N.E. wind. Nimb clouds. Steam on two boilers. Slack water at 1.45. Swung to ebb at 2.15.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Overcast and rainy. Wind moderate from N and E. Riding to ebb tide.

(Signed) J. T. Sullivan

Lieut.

From 8 to Merid. Overcast and rainy. Fresh N.E[aster]ly breeze. At 8.15 made signal interrogatory 4886. "Plymouth" answered 904. At 8.30 swung to flood. By order of Commanding Officer, Ed. P. Burke (WOC) rated (WOS)

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Overcast and rainy. Cool. Moderate breeze from N and E. Slack water at 1.30. Navy Yard tug came alongside at 1. Swung to ebb tide at 2.30. At 3.30 "Plymouth" made signal 1087 and dingy was sent to her. Charles Schliclitu (2.C.B.) was discharged from this vessel and the Naval Service, at his own request, by order of the Chief of Bureau of Equipment and Recruiting. Received the following stores in the Pay Department Viz. 3 Bbls Beef. 1 Bbl Rice. 1 Bbl Butter. 3 Bbls Beans. 2 Bbls Flour. 2 half Bbls Rice. 2 Kegs Pickles. 10 Boxes Preserved Meat. 7 Boxes Candles. 1 Bale sheeting Frocks. 1 Bale Duck Pants. 1 Bale Woolen Socks. 6 Boxes Soar. 1 Box Tape. 1 Box Sewing Silk.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast and raining with light breeze from N and E. Riding to ebb during watch. Commenced distilling at 6.30 with two main boilers.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Overcast and cool. At 9.10 slack water. At 9.30 began to swing to flood. At 10.10 swung to flood.

(Signed) J. T. Sullivan

Lieut.

Asa Walker, Lieut. Navigator.

			WINI	DS.		BAROME	TER.	Т	EMPERATI	JRE.	State of	Forms of		State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_														
1			NE	4		30.13	50	50			our	Nimb	0		
2			ш	"		30.12	51	"			ш	"	"		
3			ш	"		и	"	"			ш	u	"		
4			ш	"		и	"	"			ш	u	"		
5			ш	и		"	44	ш			or	и	u		
6			ш	3		"	44	ш			"	и	u		
7			"	и		u	"	ш			ш	и	"		
8			ш	4		30.09	"	49	49		"	u	"		
9			ш	5		"	"	"	"		"	u	"		
10			ш	и		и	"	ш	u		ш	и	u		
11			ш	и		и	"	ш	u		ш	и	u		
Noon			"	и		u	"	ш	u		"	и	"		
Distance rui		-	eceding No	on						k	nots	f	athoms.		
Latitude by											0				
Longitude b											0				
Latitude by											0		•	"	
Longitude b			om Foreno	on Obse	rvatio	ns ⊕					0		•		
Current duri time	ing the		knot	S		fms. per h	our, se	tting to	the						
Variation of	the Co	mpass by	Amplitude	⊕ obser	ed at	Sunrise					0		ш	u	
Variation of	the Co	mpass by	Azimuth ⊕	observe	d at						0		ш	ш	
Water expe	nded d	uring the p	receding 2	4 hours									221 (gallons	
Water				during	the p	receding	24 hour	s						и	
Water rema	ining o	n hand fit f	or me at N	oon									252	0 "	
Coal consur	med du	iring the pr	eceding 24	hours								tons	1760	lbs.	
Coal remain	ning on	hand at No	oon								140	ш	865	ш	
P,M.															
1			NNE	3		30.06	46	48			or	Nimb	0		
2			"	u		30.10	"	49			"	u	"		
3			ш	и		30.12	u	48			ш	и	u		
4			ш	ш		30.14	45	47			44	ш	"		
5			ш	u		u	u	"			u	и	"		
6			NE	2		30.20	44	44			"	и	"		
7			"	u		30.24	43	46			"	и	"		
8			ш	и		30.30	45	"			u	и	"		
9			ш	ш		ш	44	ш			ш	ш	"		
10			es	и		u	u	48			ш	и	u		
11			"	и		u	u	ш			ш	и	u		
Mid.			N by W	"		u	и	ш			u	"	"		
1 2 1 1	0'		AC	C'							0			"	
Longitude b	•				rvatio	ns 🕁		_			0				
Longitude b				5]			0				
Variation of			Amplitude			ob	served a	at Suns	et		0				
Variation of	tne Co	mpass by					at				•		-	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cold with light breeze from N. Swung to ebb at 2.40. Distilling with two main boilers.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Overcast. Cold. Damp. Disagreeable. Light N. by E. breeze, cum nimb clouds. Riding to ebb. Steam on two boilers.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast and cool, light breeze from N and W. At 8.30 made interrogatory signal 5519. At 9.30 inspected at quarters. 1st Division drilled at facings. 2nd Division at single sticks. At 8.30. slack water. At 9.50 swung to flood tide. Started all fires at 10.15. At 12 hoisted pilot signal. During watch got in sheet chain and took off mooring swivel, hove in to 15 fathoms on port chain, veered to 4.5 fathoms on starboard chain.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast. Light N.W. breeze, cir cum clouds. At 12.35 Pilot came aboard. At 1 a board of officers composed of Capt Bauett, Chief Engineer Loring, Lieut. Comdr W. B. Hoff and Asst Engineer Herwig came aboard. Ship draft 14 feet 2 in forward. 15 feet 4 in amidships, and 16 feet 5 in aft. At 1 called all hands unmoor ship. At 1.15 Navy Yard tug delivered box for navigating officer. At 1.25 hove up and catted port anchor and hove short on starboard chain. At 1.30 W. J. Hasson (B) was placed in solitary confinement, on bread and water, for insubordination, by order of Comdg Officer. At 2 called all hands up anchor. At 2.15 got underway. Average steam pressure 81 lbs Revolutions 43.

(Signed) Richard G Davenport Lieut.

From 4 to 8 P.M. Clear and cold. Finished trial trip at 5 o'clock and stood up to anchorage off foot of Vine St. Philadelphia. At 5.30 came to with the port anchor in 7 fathoms water veering to 25 fathoms chain. Banked fires. Riding to the ebb.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Clear. Cool. Damp. Light variable breeze. Bright starlight. Slack water at 10. Swung to flood at 10.30. Banked fires.

(Signed) Richard G Davenport Lieut.

Asa Walker, Lieut. Navigator.

				WIN	DS.	BARON		IETER.		TEMPERATURE.		State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Ž	Fa										,		₹ 20		
A,M.																
1				N "	2		30.30	45 "	42	46		0	Cum "			
2								"	"	"						
3 4				ш	и		и	"	"	"		ш	ш			
				N by	и		00.00	44		44		u	Cum			
5				E ,			30.32		47	"			Nimb "			
6				"	"		30.35	"					u			
7				"	"		30.38	46	45	47						
8				NW	u		30.41	48	47	48		_	"			
9				by W			30.42	44	46	47						
10				ш	и		u	ш	"	44		ш	"			
11 Noon				WNW "	"		30.43	"	45	44		"	ш			
							30.40		46	46						
Distan	ice rui	n by L	og since pr	eceding No	on						k	nots	fa	athoms.		
			at Noon	Ü								0		•	"	
			. at Noon									0		4	"	
Latitud	de by	Obser	vations at N	Noon ⊕								0		4	"	
Longit	ude b	y Chro	nometer fr	om Foreno	on Obse	rvatio	ns ⊕					0		•	и	
Currer time	nt duri	ng the	:	knot	s		fms. per	hour, se	etting to	the						
	ion of	the Co	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0			"	
			ompass by									0			"	
			luring the p											221	gallons	
Water	С	onden	sed		during	the p	receding	24 hou	rs					36		
Water	rema	ining o	on hand fit f	or me at N	oon									219	0 "	
Coal	onsu	ned d	uring the pr	eceding 24	hours							6	tons	530	lbs.	
Coal r	emair	ing or	hand at N	oon								134	"	935	"	
P,M.																
				NINDA	0		00.00	40	47	40		0	Cum			
1				NNW	2		30.38	48	47	48		0	Nimb "			
2					"		u									
3								50	48	49						
4				N by	и		30.39	49		48						
5				W			30.38	45	"	46		С	cir			
6				"	и		и	"	u	"		u	и			
7				NW	1		u	43	47	46		"	"			
8								49	46	48						
9								"	47			b		10		
10				_					46							
11				E "				"		"						
Mid.					•			-	-			-	-	-		
Longit	ude h	v Chr	nometer fr	om Afterno	on Ohse	rvatio	ns ⊕					0		4	"	
			nometer O						1	ı		0			"	
			ompass by		-		nh	served	at Suns	•		0		4	"	
			ompass by				31	at	50.10			0		4	"	
	01	5 0														

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cold. Light airs from the E. Swung to the ebb at 3.50.

(Signed) J. T. Sullivan
Lieut.

From 4 to 8 A.M. Overcast and cool. Light breeze from N and E. Riding to ebb during watch. Banked fires under all main boilers.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast and cool. Light breeze from N.E. At 8.55 made interrogatory signal 5455. At 9 loosed sail. At 9.45 stowed sheet anchor below. At 11.30 received in Pay Department 2983 lbs bread. Slack water at 10. Swung to flood at 10.30. Banked fires.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast and cool. Light breeze from N and E. At 2 "Plymouth" made signal 4826. At 2.05 furled sail. At 2.30 sent down topgallant yards bent topgallant sails and crossed them again. John Kirk(B) left gig without permission and was left ashore but returned to ship one hour later. At 3.55 swung to ebb. Midshipman W.H. Allen reported onboard for duty.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Overcast. Cool. Damp. Disagreeable. Moderate N.E. breeze. Cum nimb clouds. Swung to ebb at 4.30. At 4.40 mustered crew at quarters. F.N. Cole (B) deserted from dingy while on duty. Banked fires.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast, cool, damp, raining during last hour, light N.E. wind. At 10.20 swung to flood.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

				WIN	DS.	BARG	METER.	7	TEMPERATURE.		State of	Forms o	of	State	
Hour.		ei E	Courses steered.	Direction.	Force.	Feeway.	Ther. att'd.	Air Dry	Air Wet	Water at	the Weather by	Clouds, by symbols	of Clee	of the Sea.	Record of the sail the vessel is
	Knots.	Fathoms.				inches.		Bulb.	Bulb.	surface.	symbols.	-,	Prop. Sky, i		under at end of watch.
A,M.															
1				E	1	30.40	48	47	48		b		10		
2				"	u	u	"	"	"		"	"	"		
3				"	и	"	47	46	47		ш		и		
4				44	и	"	и	45	46		u		u		
5				NE	u	и	"	"	"		0	Cum	"		
6				"	2	30.42		"	45		"	u	ű		
7				u	3	"		44	44				"		
8												"			
9					u		43	45	46						
10				NNE	u		44	46	47						
11 Noon				NE "	u	30.40		50	49 51		ш	ш	u		
						30.40	45	50	31						
Distan	nce ru	n by L	og since pre	eceding No	oon					k	nots		fathoms.		
Latitud	de by	D. R. a	at Noon								0			ш	
Longit	tude b	y D. R	. at Noon								0			u	
Latitud	de by	Obser	vations at N	loon ⊕							0			u	
Longit	tude b	y Chro	onometer fr	om Forenc	on Obser	vations ⊕					0			"	
Curre	nt dur	ing the	:	kno	ts	fms. pe	r hour, s	etting to	the						
time Variat	ion of	the Co	ompass by	Amplitude	⊕ observ	ed at Sunrise					0		и	и	
			ompass by								0		и	"	
Water	expe	nded o	during the p	receding 2	4 hours								221	gallons	
Water	. С	onduc	ted		during	the precedin	g 24 hou	ırs					36	5 "	
Water	rema	ining o	on hand fit f	or me at N	oon								219	0 "	
Coal	consu	med d	uring the pr	eceding 24	1 hours						1	tons	2160	lbs.	
Coal r	emair	ning or	hand at N	oon							132	и	415	и	
P,M.															
1 - ,ivi.				NE	3	30.35	45	50	52		0	Cum			
2				"	"	30.36		52	"		"	"			
3				44	и	30.32		54	54		u	и			
4				"	u	"	52	"	"		"	"			
5				44	44	30.32	55	53	u		44	u			
6				"	"	30.36	u	44	u		44	ш			
7				"	и	"	и	54	53		u	и			
8				"	u	u	54	"	50		"	"			
9				u	и	"	"	"	u		"	u			
10				u	u	ш	ш	"	"		ш	ш			
11				и	и	u	и	"	ш		ш	"			
Mid.				и	и	"	44	44	ш		or	44			
l one:	hudo h	w Chr	onometer fr	om Afforma	on Obser	vations ①					0			"	
-		•	onometer fr onometer O			valions 🕁			1		0		,	и	
-			ompass by		•		bserved		-		0		,	и	
			ompass by	, ampilitude		,	at				0		,	и	
J			,												

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Rainy. Cool. Disagreeable. Moderate N.E. wind. Nimb clouds. Rising to flood. Banked fires.

(Signed) Richard G Davenport Lieut.

From 4 to 8 A.M. Overcast and rainy. Light breeze from the N and E. Swung to the ebb tide at 4.30. Fires banked.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and rainy. Light breeze from N. and W. Swung to flood at 11. Oscar P. Huntress (Qr Mr) was declared a deserter from this day having been absent from the ship ten days without leave. Inspected bags. Banked fires.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Overcast and rainy. Light breeze from N.E. Navy Yard tug came alongside and delivered one deep sea sounding apparatus. At 5.30 slack water. Banked fires.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast. Cool. Rainy. Disagreeable. Fresh N.E. wind. At 4.25 swung to ebb.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast and rainy. Wind fresh from N.E. Slack water at 11.45. Fires banked.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

Examined and found to be correct

At 10 commenced distilling. Banked fires.

		WINDS.			BAROMETER.		TEMPERATURE.		JRE.	State of	Forms of		State			
Hour.		Courses steered.	Direction.	Force.	way.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is	
	Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
A 14	_	_														
A,M.				NE	4		20.26	40	50	50			Nimala	0		
1 2				NE "	4		30.36	49 "	50 "	50 "		or "	Nimb "	0		
3				u	и		u	44	44	u		ш	и	и		
4				u	и		u	44	44	u		ш	и	и		
5				и	3		"	"	ш	и		ш	и	и		
6				и	2		"	50	ш	и		ш	и	и		
7				и	"		и	51	ш	ш		od	ш	ш		
8				и	u		"	52	51	51		"	и	и		
9				и	"		u	55	54	54		0		"		
10				и	"		u	"	"	"		"		"		
11				и	"		u	"	"	"		or		"		
Noon				ш	и		u	"	ш	u		"	ш	и		
-																
Distan	ce run	by Lo	g since pre	eceding No	on						k	nots	fa	athoms.		
Latitud			-	•								0			и	
Longitude by D. R. at Noon												0			"	
Latitude by Observations at Noon ⊕												0			"	
Longitude by Chronometer from Forenoon Observations ⊕												0			"	
Currer	t durir	ng the		knot	s		fms. per h	nour. se	ttina to t	he						
time Variati	on of t	the Co	mnass hy					,	3			0		ш	и	
Variation of the Compass by Amplitude ⊕ observed at Sunrise Variation of the Compass by Azimuth ⊕ observed at												0		и	u	
Water expended during the preceding 24 hours														221 0	gallons	
Water	СХРСП	idea a	uning the p	receding 2		the r	receding	24 hour	s						, "	
	remai	nina o	n hand fit fo	or me at No	-	, ,	oooug		•					237	7 "	
			ring the pre									3	tons	480	lbs.	
			hand at No									127		1670	"	
P,M.																
1				NE	3		30.32	56	57	58		or	Nimb	0		
2				ENE	4		30.30	57	56	57		0	"	u		
3				и	"		"	"	"	"		"	"	u		
4				и	5		"	и	ш	56		or	и	и		
5				и	u		и	u	ш	u		44		u		
6				NE	u		u	54	53	52		"	"	и		
7				и	u		u	53	51	u		"	"	и		
8				u	u		u	"	"	"		u	ш	u		
9				u	3		"	"	52	"		od	"	u		
10				u	u		ш	"	"	"		ш	ш	ш		
11				ш	3-5		и	u	ш	ш		u	ш	и		
Mid.				u	u		ш	"	"	"		ш	ш	ш		
Longit	ude by	y Chro	nometer fro	om Afterno	on Obse	rvatio	ns ⊕					0		•	ш	
Longit	ude by	y Chro	nometer O	bservation	S]			0		•	"	
Variati	on of t	the Co	mpass by	Amplitude			ob	served a	at Suns	et		0			u	
Variation of the Compass by at											0			u		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and rainy. Fresh breeze with moderate squalls from E.N.E. Barometer falling slowly. Ship swung to flood at 12.10. Banked fires under all main boilers.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Weather rainy and squally. Wind from N.E. blowing fresh in squalls. Riding to the wind. Swung to the ebb at 5. Barometer falling.

(Signed) J.K. Cogswell Lieut.

From 8 to Merid. Squally and rainy. Blowing fresh from N.E. At 9.30 inspected bags at quarters. John Hasson (B) released from confinement by order of Comdg Officer. At 10.50 slack water. At 11.50 swung to flood tide. Riding across the wind and tide. Banked fires.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast, squally and rainy with stiff breeze from E. By order of Comdg Officer Phillip McDade (Pr Marine) and John Bulleue (B) are declared deserters, they having been absent from the ship ten days without leave. Riding across wind and tide. Barometer falling.

(Signed) J.K. Cogswell Lieut.

From 4 to 8 P.M. Rainy, squally and overcast. At 4.35 made interrogatory signal 6145. "Plymouth" answered 904. At 4.45 sent down topgallant vards. At 5.10 to ebb tide.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Overcast and rainy. Strong squalls from N and E. Riding to the wind. Barometer steady.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

		WINDS.		BAROMETE		ETER.	ER. TEMPERA		URE.	01-1	F		04-4-			
Hour.		ró.	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	State of the Weather	Forms of Clouds, by	Prop. of Clear Sky, in 10ths.	State of the	Record of the sail the vessel is
	Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	rop. o Sky, in	Sea.	under at end of watch.
	Ā	Œ.												E 07		
A,M.																
1				ENE "	6		30.28	50 "	50	51 "		org "	Nimb "			
2					5-7		30.27									
3				и	и		30.25	u	"	u		ű	u			
4				44	и		u	"	u	ш		ш	u			
5				NE	5-6		30.24	"	и	50		44	ш			
6				"	"		30.22	"	44	"		"	44			
7				ш	u		30.20	"	51	51		"	44			
8				"	ш		и	"	44	ш		"	44			
9				"	"		30.18	44	44	ш		ш	"			
10				"	6-7		30.16	51	44	52		ш	"			
11				"	7-8		30.12	52	"	51		"	44			
Noon				"	7-9		30.18	"	"	"		"	44			
Distanc	ce run	by Lo	g since pre	eceding No	on						k	nots	fa	athoms.		
Latitud	e by [D. R. a	t Noon									0		4	"	
Longitu	ude by	y D. R.	at Noon									0		4	"	
Latitud	e by (Observ	ations at N	loon ⊕								0		4	"	
-				om Foreno	on Obse	rvatio	ns ⊕					0		4	u	
Curren time	t durii	ng the		knot	s		fms. per l	nour, se	tting to	the						
	on of	the Co	mpass by	Amplitude	⊕ obsen	ed at	Sunrise					0		u	u	
Variation of the Compass by Azimuth ⊕ observed at											0		"	"		
Water expended during the preceding 24 hours													221 c	allons		
Water Condensed during the preceding 24 hours									s				450			
Water				or me at N			Ü							2190		
				eceding 24								3	tons	220	lbs.	
			hand at No									124		1470	ш	
		5														
P,M.																
1				E by	7-9		30.06	53	51	52		org	Nimb			
				N E	"		30.02	"	52	53		u u	"			
2 3				ENE	ш		30.02 "	"	ű	54		44	66			
				EINE "	"		"	"	"	°		ш	"			
4				"	5-6		"	E4	F2	44		ш	"			
5				NE	o-0 "		u	54	53	"			ш			
6				by N			-	55	54							
7				"	4-5		30.01	"	ш	44		"	**			
8				ш	"		"	54	"	55		44	66			
9				ш	"		44	53	ш	ш		or	66			
10				44	"		u	"	51	50		u	ш			
11				44	"		u	"	ш	44		u	ш			
Mid.				"	4-6		"	"	"	"		ос	"			
Longitu	ude by	y Chro	nometer fro	om Afterno	on Obse	rvatio	ns ⊕					0		•	"	
Longitu	ude by	y Chro	nometer O	bservation	s]			0			ш	
Variation	on of	the Co	mpass by	Amplitude			ob	served	at Suns	et		0		•	u	
Variation	on of	the Co	mpass by					at				0		•	u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and stormy. Blowing a strong Easterly gale with heavy squalls. Barometer falling. Swung to the flood tide at 12.30. Fires banked.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast. Rainy. Cool. Fluck [fluctuating barometer]. Disagreeable. Blowing a moderate N.E. gale. Slack water at 5. Swung to ebb at 5.30. Banked fires. At 5.30 braced up yards with port braces.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast, cool, rainy; blowing a moderate gale from N.E. At 8 veered to 30 fathoms at waters edge on port chain. By order of Comdg Officer, W.W. Hess (2.C.B) and John J. Griffiths (2.CB) are declared deserters, they having been absent from the ship ten days without leave. At 8.30 spread fires under six boilers. At 9.40 blowing a gale, ship dragging, let go starboard anchor and veered to 30 fathoms chain. Steamed ahead and hove up both anchors. Sent down top gallant masts. At 11.45 let go starboard anchor and veered to 30 fathoms of chain. Catted and fished port anchor. At 11.55 slack water.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Moderate gale with heavy rain squalls from N.E. At 3.30 ship dragged and sheered inshore. Let go port anchor, veered to 25 fathoms, counter braced yards. Banked fires. At 3.50 spread fires. Latter part of watch engaged in clearing hawse. Riding across weather flood.

(Signed) Richard G Davenport Lieut.

From 4 to 8 P.M. Overcast. Moderate gale from N.E. Moderating. During first part of watch cleared port anchor. At 5.30 swung to ebb tide. At 6.15 moored ship. 45 fathoms on each chain.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast. Rainy. Cool. Disagreeable. Blowing in fresh squalls from N. and E. Riding to ebb. Clear hawse. Banked fires.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

				WINDS.		BAROMETER.		TEMPERATUR		URE.	State of	Forms of		State		
Hour.		ģ	Courses steered.	Direction.	Force.	Height in inches.	Ther.	Air Dry	Air Wet	Water	the Weather	Clouds, by symbols.	of Clee	of the Sea.	Record of the sail the vessel is	
	Knots.	Fathoms.				∯ in inches.	att'd.	Bulb.	Bulb.	at surface.	by symbols.	symbols.	Prop. Sky, ii	Sea.	under at end of watch.	
A,M.																
1				E by	6-8	29.98	51	51	51		ora	Nimb	0			
				N "	u-0			J1 "	J1 "		org "	"	"			
2				"		29.96	u		u				"			
3 4				и	7-9 "	29.94 29.92	u	"	и		ш	и	u			
5				NE	8-9	29.92	и	и	и		44	и	u			
6				"	o-9 "	29.89	и	ш	u		ш	u	"			
7				ш	7-8	29.87	"	4	и		u	и	"			
8				ш	7	29.85	u	и	и		ш	и	u			
9				ш	8-9	29.84	52	ш	52		ш	u	"			
10				u	"	29.82	53	"	"		44	u	"			
11				ш	9-	29.80	"	ш	53		ш	u	"			
Noon				и	10		u	50	"		"	"	"			
					8-9	29.74		52								
Distan	ice rur	n by Lo	og since pre	ecedina No	on					k	nots	1	fathoms.			
			at Noon								0		,	и		
			. at Noon								0		•	"		
			vations at N	loon ⊕							0		•	"		
	-		nometer fro		on Obser	vations ⊕					0		•	ш		
Currer	nt duri	ng the		knot	s	fms. per	hour, se	ettina to	the							
time Variati	ion of	the Co	omnass by			ed at Sunrise					0		ш	и		
			ompass by								0		ш	"		
			luring the p										221	gallons		
Water		idea e	raining the pi	receding 2		the preceding	a 24 hou	rs						gallorio "		
		inina c	on hand fit fo	or me at N	_		,						255	5 "		
		-	uring the pre								5	tons	1770	lbs.		
			hand at No								180	"	1240	u		
P,M.																
1				NE	6-8	29.70	54	53	53		org	Nimb				
2				"NE by E	6-9	29.68	ш	52	52		44	и				
3				u	8-9	29.72	u	ш	u		u	u				
4				NE	"	29.40	и	и	53		44	и				
5				и	u	и	и	и	52		u	и				
6				u	6-8	и	55	ш	51		44	и				
7				ш	7	29.78	u	51	50		"	u				
8				и	4-6	u	и	50	u		"	и				
9				и	"	u	52	49	u		"	и				
10				ee	3-6	u	51	50	u		u	и				
11				NNE	"	29.79	50	ш	u		44	u				
Mid.				N by E	u	29.8	и	ш	ш		ш	ш				
Longit	ude b	y Chro	nometer fro	om Afterno	on Obser	vations ⊕					0		•	ш		
Longit	ude b	y Chro	nometer O	bservation	S]		0		•	и		
Variati	ion of	the Co	ompass by	Amplitude		C	bserved	at Suns	set		0		'	и		
Variati	ion of	the Co	ompass by				at				0		'	и		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast, rainy first part of watch. At 12.45 swung to flood. Clear hawse. At 1.30 wind came out from N.W. Squally cool.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast first part of watch, clear and cool latter part. Swung to ebb at 5. Banked fires under all main boilers. Clear hawse at end of watch. Wind gradually hauled from N.N.W. to N.N.E. fresh breeze.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast and cool. Riding to ebb. At 8.45 "Plymouth" made general signal 6144, answered, sent up topgallant masts, crossed topgallant yards. At 9.50 pilot came aboard. At 10 brought to on starboard chain. At 10.15 called all hands unmoor ship, hove up starboard anchor. At 11 called all hands up anchor. Got underway. At 11.10 made general signal 4890. "Plymouth" answered 904. By order of Comdg Officer Thoe G Wille (2.C.B.) was declared deserter from this date. Draught of ship: Forward 14 feet. Amidships 15 feet 2 in. Aft 16 feet 3 in. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast and raining first part of watch, overcast latter part. At 1.20 passed Chester. At 1.40 made all fore and aft sail. At 3.30 took in all fore and fore and aft sail. Steaming down the Delaware river during watch. Average pressure of steam 74 lbs. Revolutions 52. Temp coal bunker 96°.

(Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Overcast. At 5 came to anchor, 30 fathoms on port chain in 4 1/2 fathoms water. At 5 mustered at quarters. Banked fires. Bearings at anchor. Duck Creek Light bore S by W. Reedy Island Light N by W 1/2 W. Ship "John" S.E. Gave J. Hallisey (2.C.B.) two hours extra duty for shirking. John Hughes and Francis Giles (Lds E.F.) and Robt McGuckin (2.C.B) one hour on quarter deck with lashed hammocks for late hammocks.

(Signed) J. T. Sullivan Lieut.

From 6 to 8 P.M. Weather cloudy and cool. Light W[ester]ly breeze. Riding to ebb. Steam pressure 45 lbs. Temp coal bunkers 76°. Distilling.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast. Gloomy. Cool. Disagreeable. Light W[ester]ly breeze. Nimb clouds. Banked fires Slack water at 10. Swung to flood at 11.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Off Philadelphia Pa.

				WIN	DS.	BARON	METER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		øi.	Courses steered.	Direction.	Force.	K Height	Ther.	Air	Air	Water	the Weather	Clouds, by	o, of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots	Fathoms.				Height in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. o Sky, in	Sea.	under at end of watch.
	¥	ш													
A,M.					0.4	20.04		40				.	•		
1				N	2-4	29.84	47	48			or	Nimb "	0		
2				MW "		29.85	"	"			og "	"	"		
3					2-5	u						u	"		
4											u	u	"		
5				NNW	3-5 "	29.86	49				"	u	"		
6				N		29.88						Nimb			
7				NNE	"	29.94	"	ш			bc	Cum			
8				"	ec.	29.98	"	"			"	ш	"		
9				"	u	ш	"	ш			"	и	u		
10				"	3-4	30.02	51	51			Or	и	ш		
11				NE by N	3-5	и	52	ш			44	Nimb	u		
Noon				NE	2-3	и	"	53			"	ш	u		
Dista	nce ru	un by L	og since pre	eceding No	on					k	nots	fat	homs.		
Latitu	de by	D. R.	at Noon								0	•		u	
Longi	tude	by D. F	R. at Noon								0	•		u	
Latitu	de by	Obse	rvations at N	loon ⊕							0	•		u	
-			onometer fro	om Foreno	on Observ	vations ⊕					0	•		u	
Curre time	nt du	ring th	е	knot	s	fms. per	hour, se	etting to	the						
	tion o	f the C	ompass by	Amplitude	⊕ observe	ed at Sunrise					0	44		u	
Varia	tion o	f the C	ompass by	Azimuth ⊕	observed	at					0	44		u	
Wate	r expe	ended	during the p	receding 2	4 hours								221 g	gallons	
Water	r (Conde	nsed		during	the preceding	24 hou	rs					14		
Water	r rem	aining	on hand fit f	or me at N	oon								219	0 "	
Coal	consu	umed c	luring the pr	eceding 24	hours						5	tons	690	lbs.	
Coal	remai	ining o	n hand at No	oon							113	" 1	250	u	
P,M.															
1				NE	3-4	30.30	52	51	51		or	Nimb	0		
2				NW	и	и	53	52	52		и	и	u		
3				NW by W	2-3	u	"	51			0	Cum	"		
4				"	и	u	"	"			ос	Cir	3		
5				NE	и	30.02	55	55	55		ш	Cum "	"		
6				"	1	"	56	54	"		ш	и	0		
7				N	2	30.03	"	"	54		bc	Cum	1		
8				w		"	"	ш	01		"	"	"		
9				"	1	30.02	55	55	55		og	Nimb"	0		
10				"	ű	"	"	"			"	u	"		
11				"	u	u	u	u			u	ш	"		
Mid.				"	u	и	"	"			44	ш	"		
.ma.															
Longi	tude	by Chr	onometer fro	om Afterno	on Obser	/ations ⊕					0			ш	
_			onometer O					1			0			u	
			ompass by			O	bserved	at Suns			0	,		и	
			ompass by	-			at				0	,		и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Calm. Ship swung to ebb at 3.45. Banked fires.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 A.M. Overcast, light drizzling rain first part of watch, cloudy latter part. Light S.E[aster]ly airs. Swung to ebb at 4.45. Spread fires at 5.15. Brought to on port chain at 5.30. Turned engine over at 5.40. Got underway at 6.45 and stood down the Delaware. Steam pressure 60 lbs. Revolutions 46. Temp of bunker 94°.

> (Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear and cool. Light breeze from S and E. Steam pressure 62 lbs Revolutions 49.8. Temp of bunkers 98°. Standing out of Delaware Bay under direction of pilot. Set course S by E 3/4 E by standard compass.

> (Signed) J. K. Cogswell Lieut.

From Merid, to 4 P.M. At 12.25 took departure, Cape Henlopen Light bore (pc) W. distant 3 1/2 miles, Put patent log overboard. At 1.25 secured guns for sea. At 1.30 two cans preserved meat, contractor W.K. Leive & Co 1873, suspicious J. C. Eldridge N.Y. 1873 were condemned to be thrown overboard. At 1.35 stopped engine to key up. At 1.40 secured the anchors. At 1.55 started engine. The effects of the following named deserters were sold at public auction. J. Bulleue (B) John Gabel (Boy) R. P. Wilkings (B) Theo G. Witte (B) F. N. Cole (B) John Kaiser (B) and W. H. Hess (B). By order of Comdg Officer G. W. Kahn (B) is declared a deserter, he having been absent from the ship ten days without leave. Steaming under six boilers. Steam pressure 63 lbs. Revolutions 47. Temp of bunkers 105°. At 3 changed course S by E. At 3.20 changed course to S.S.W. At end of watch Fenwich Light bore N.W. 1/2 W. At 12.20 pilot left ship.

> (Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Clear and cool. At 4.30 called all hands and sent down topgallant yards. At sundown mustered at quarters. Steam pressure 63 lbs Revolutions 47. Temp of bunker 105°.

> (Signed) Wainwright Kellogg Lieut.

From 6 to 8 P.M. Clear and cool. Light breeze from S and W. At 6.15 sighted Asatague Light and Winter Quarter Shoal Lightship. At 8 Asatague bore W by N 1/2 N and Winter Quarter Shoal Lightship bore N. Average steam pressure 56 3/4 lbs Revolutions 41-8. Temp of bunkers 96°.

(Signed) J.T. Sullivan, Lieut.

From 8 to Midnight. Clear and pleasant. Light W[ester]ly breeze. Moon set at 10.30. Passed usual small sail. Altered course twice to avoid vessels. Steam pressure 62 lbs. Revolutions 47. Temp of bunkers 95°. (Signed) J. K. Cogswell, Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Steaming down Delaware River

				WIN	DS.	BARO	METER.	1	TEMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥														
1	Δt:	ancho	r in	Calm		30.03	55	53	54		0	Cum			
2		lawar		ш		u	u	"	u		"	**			
3				44		и	u	ш	и		44	44			
4				44		u	u	и	и		и	"			
5				SE	1	30.04	u	52	52		od	Cum Nimb	0		
6				u	и	30.06	ш	"	ш		44	"	ш		
7				44	2	30.08	u	ш	и		0	44	u		Under steam
8				"	u	30.10	52	"	u		bc	"	1		
9	Ste	eaming	g down	44	и	и	53	ш	и		44	44	3		
10	De	lawar	e Bay	ш	"	u	54	54	52		ш	"	4		
.11				44	и	30.08	ш	ш	и		и	44	и		
Noon				u	и	и	55	54	54		ш	ш	и		
Dietan	nce ru	n hy l	.og since pre	acading No	oon					k	nots	fai	thoms.		
			at Noon	occuring 140	7011						0	,		"	
	-		R. at Noon								0				
			rvations at N	loon ⊕							0			ш	
			onometer fro		on Obser	vations ⊕					0			и	
Currer	nt duri	ing th	е	knot	ts	fms. per	hour, se	etting to	the						
time Variati	ion of	the C	ompass by			ed at Sunrise		Ü			0			"	
			ompass by								0	и		"	
			during the p										221 (gallons	
Water					during	the preceding	g 24 hou	irs						"	
Water	rema	ining	on hand fit f	or me at N	oon								222	1 "	
Coal	consu	med c	luring the pr	eceding 24	1 hours						10	tons	560	lbs.	
Coal r	emair	ning o	n hand at No	oon							103	" 6	690	44	
P,M.															
1	4		S by E 3/4 E	SE	3	30.08	53	53	54		bc	Cum Nimb	3		
2	4		ш	"	и	us.	ш	54	55		ш	"	ш		
3	7		u	SSE	и	us.	u	55	56		и	"	4		
4	2 5	2 6	S by E SSW	SSW	u	30.09	56	56	u		u	"	"		
5	7	6	SSW	SW	5	30.10	u	"	54		ш	Cum	8		
6	7		ш	by S "	"	30.12	ш	55	u		ш	ste ste	9		
7	7	4	ш	W by	4	50.1Z	57	56	56		ш	Cum	"		
			SW 3/4	S				"			"	ste "	"		
8	7	4	S	-	-	30.14	56				-	_	-		
9	7	4	"	"	"	30.12	и		54 "		"		"		
10	7	2	u			u*	u								
11 Mid	7	2	u	u	u	u ·	u		u		"	u			
Mid.	8	2													
Longit	ude b	y Chr	onometer fro	om Afterno	on Obser	vations ⊕					0			"	
Longit	ude b	y Chr	onometer O	bservation	s]		0	•		и	
Variati	ion of	the C	ompass by	Amplitude		c	bserved	at Suns	set		0	•		и	
Variati	ion of	the C	ompass by				at				0	,		и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Damp. Light S.W. by S breeze. Bright starlight. At 12.30 made Cape Charles Light bearing (pc) SW by W 1/2 W. At 1.15 passed a steamer bound to N. At 2.25 stopped engine, got a cast of lead 7 1/2 fathoms. At 2.30 started engine four bells. At 2.30 changed course to WSW. At 2.48 stopped engine, got 8 fathoms. At 2.52 started ahead four bells. Passed several sail bound to N. At 2.30 hauled in patent log which showed 58 3/4 miles, reset it. At 3.17 stopped engine got 7 1/2 fathoms water. At 3.20 started ahead one bell. At 3.23 changed course to W. At 3.25 a dense fog set in shutting out Cape Charles Light. At 3.30 stopped engine. At 3.35 came to anchor with starboard anchor in 5 1/4 fathoms water, veering to 30 fathoms chain. Average steam 66 lbs. Average revolutions 49. Temp in bunkers 96°. Started the fog bell.

(Signed) Richard G Davenport Lieut.

From 4 to 8 A.M. Thick fog until 7 when fog lifted. At 7.15 hove up starboard anchor and stood for a pilot boat which was in sight. At 8 Hampton pilot came on board. Sighted Cape Henry at 8. Stood in for Hampton Roads. Average steam pressure 75 lbs. Temp of bunkers 96°.

(Signed) Wainwrigh Kellogg
Lieut.

From 8 to Merid. Clear and pleasant. At 8.30 secured guns for port. During first part of watch engaged in getting ship ready for port. At 10.20 hoisted ships no. [number], made signal for permission to anchor. At 11 stopped abreast of Flagship. The Comdg Officer left the ship to pay official visit on board Flagship. At 11.25 started ahead and steamed up for Navy Yard at Norfolk. At 12 made ship no. Average steam pressure 70 1/4 lbs. Revolutions 51-1. Temp of bunkers 90°. Draft 13 feet 5 in forward. 14 feet 9 in Amidships. 16 feet aft.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast and cool. At 12.35 let go starboard anchor veering to 15 fathoms. Hove up starboard anchor and hauled alongside wharf. Moored. At 2.15 loosed sail today. At 3.55 shortened sail. Draught forward 13 feet 5 in. Amidships 14 feet 9 in. Aft 15 feet 11 1/2 in. Fires hauled except No. 5 and 7. Made preparations for coaling.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast and cool. Light breeze from N and E with rain. At 4.15 furled sail. At 4.45 mustered at quarters. Fire hauled except two boilers.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Cloudy and light rain first part of watch. Clear and cool latter part with light N. airs.

(Signed) J. T. Sullivan
Lieut.

Asa Walker, Lieut. Navigator.

				WINE	DS.		BAROM	ETER.	Т	EMPERAT	JRE.	State of	Forms of		State	
Hour.		gi	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	, of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Fee	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. o Sky, ir	Sea.	under at end of watch.
	_	_														
A,M.			SW 3/4	SW											_	
1	9		S	by S	2		30.43	57	57	57		bou		10	S	Steam
2	9	2	"	ш	и		u	и	ш	ш		44		u	44	и
3	4 2	2	WSW	u	"		"	"	"	"		u		"	"	и
4				u	u		u	u	**	u		bf		u	"	и
5		At a	anchor	и	"		30.15	55	55	54		f		"	"	
6				u	и		30.18	52	52	53		ш		ш	44	
7				u	"		30.20	51	51	51		u		"	"	
8				и	"		"	"	"	"		bcm	Cir Cum	"	"	
9				ш	"		30.19	53	53	52		ш	и	4	"	
10				"	"		"	"	"	53		и	"	6	"	
11				NW	"		30.15	58	55	54		и	"	"	"	
Noon				N	u		30.12	ш	58	58		es	"	и	"	
Distan	ce rui	n by L	og since pr	receding No	on						k	nots	fa	thoms.		
Latitud	le by	D. R.	at Noon									0	4		ш	
Longit	ude b	y D. F	R. at Noon									0	•		ш	
			rvations at I									0	•		ш	
-		-		rom Foreno	on Obser	vatio	ns ⊕					0	,		ш	
Currer time	nt auri	ng tn	е	knot	S		fms. per l	nour, se	etting to	the						
Variati	on of	the C	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0	6	•	ш	
Variati	on of	the C	ompass by	Azimuth ⊕	observed	at						0		4	и	
Water	expe	nded	during the p	oreceding 2	4 hours									221	gallons	
Water	С	onde	nsed		during	the p	receding	24 hou	rs					36		
				for me at No										255	5 "	
				receding 24	hours							6	tons	1960	lbs.	
Coal r	emair	ing o	n hand at N	loon								96	" (970	и	
D.1.1																
P,M.				N by									Cum			
1				E	1-2		30.40	59	58	58		0	Nimb	0		
2				NNE	и		u	57	54	54		u	ш	и		
3				"	2		"	56	53	"		"		"		
4				" N by	ű		30.12	54	44	53		ű	ű	"		
5				N by W	и		30.10	и	54	54		u	Cum	"		
6				u	и		ű	55	53	и		u	"	ш		
7				NNW	"		"	56	56	"		44	44	"		
8				ш	1		30.09	55	58	55		"	u	и		
9				u	u		ш	54	54	54		or	ш	u		
10				N	и		u	53	52	52		u	"	"		
11				"	2		"	52	51	51		bc "	Cum "	4		
Mid.				и	"		30.10	50	49	49		"	44	6		
		61		A.C	C'							0				
				rom Afterno		vatio	ns 🕁					0				
-				Observations	5				at Cum			0				
			ompass by				ob		at Suns	ક્લા		0			u	
variati	UII OT	ine C	ompass by					at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather cool and overcast, wind from the N and squally.

(Signed) J.K. Cogswell

Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Moderate breeze and fresh squalls from N.W. At 7 loosed sail. At 7.10 commenced coaling. Banked fires under two boilers.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant, cool. Engaged during watch in coaling ship. At 9.15 shortened sail. Banked fires under two boilers. Average steam pressure 25 lbs. Received 55 tons of coal.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and cool. Light breeze from N and E. At 3 unbent topgallant sails and stowed them below. Engaged during watch in receiving coal, wood and provisions. Banked fires in two boilers. Average steam pressure 30 lbs. Received on board stove for Pay Department Viz. 130 bags bread, 10 barrels pork, 4 half barrels beef, 10 boxes preserved meat, 2 kegs pickles, 7 barrels sugar, 10 boxes coffee, 1 barrel butter, 4 half barrels beans, 1 barrel molasses, 1 barrel vinegar, 7 boxes candles. Clothing – two bales flannel, 1 bale blue cloth. Small stove. 3 boxes tobacco. 4 boxes soap. 1 box wisk brooms - 24 doz. E.B. medium, 24 E.B. small. 5 mess kettles. 2 iron safes.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear cool and calm. At 4.30 furled sail. Banked fires. Average steam pressure 27 lbs.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Weather clear and pleasant. Bright moonlight. Calm.

(Signed) Wainwright Kellogg

Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Norfolk Va.

Control Cont					WINI	DS.		BAROME	ETER.	Т	EMPERAT	JRE.	State of	Forms of		State	
A.M.	Hour.	Cnots.	athoms.		Direction.	Force.	Leeway.	in		Air Dry Bulb.	Wet	at	the Weather by	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	
Note	A,M.	_	_														
3					N	3-5	3	80.42	46	44	43		oqm	Nimb	0		
4	2				"	"	"		"	ш	u		ш	u	"		
5	3				ш	u	"		и	u	ш		ш	и	"		
Second	4				44	3	"		u	и	u		44	и	ш		
The content of the Compass by Azimuth	5				NW	3-5	3	80.30	45	ш	44		bq	и	10		
8	6				44		"							и			
9					и		"							и			
10																	
11					"			30.32									
Note																	
Substance run by Log since preceding Noon Substance run														Cir			
Latitude by D. R. at Noon Longitude by Chronometer from Forenoon Observations ⊕ Current during the knots fms. per hour, setting to the time. Variation of the Compass by Amplitude ⊕ observed at Surrises Variation of the Compass by Amplitude ⊕ observed at S							3	30.28	48	46	46				•		
Latitude by D. R. at Noon Longitude by Chronometer from Forenoon Observations ⊕ Current during the knots fms. per hour, setting to the time. Variation of the Compass by Amplitude ⊕ observed at Surrises Variation of the Compass by Amplitude ⊕ observed at S	Dieton	00 rur	a by L	a ainaa nr	ooodina No	on						k	acto	6.	othomo		
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RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cold. Calm.

(Signed) J.T. Sullivan Lieut.

From 4 to 8 A.M. Cloudy and calm. Cool. Steam pressure 25 lbs. Distilling

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. Cool. Overcast. Damp. Calm. Cir cum clouds. At 9 J Bulleue (B) declared a deserter returned on board ship. Steam on two boilers.

(Signed) Richard G. Davenport

Lieut.

From Merid. to 4 P.M. Clear, cool and calm. At 1 o'clock sent gig ashore to be scrubbed. During watch crew engaged in shifting port anchor.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Clear and cool. Engaged in getting anchor aboard. At 4 mustered at quarters and secured battery.

(Signed) J. T. Sullivan

Lieut.

From 6 to Midnight. Clear. Cool. Pleasant. Calm. Bright moonlight. Steam in two boilers (Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Norfolk Va.

				WINI	DS.	BAR	OMETER.		TEMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_														
1				Calm	0	30.45	42	42	47		bc	Cir	2		
2				44	"	и	"	41	"		u	ste "	"		
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4				44	u	"	u	42	"		44	66	"		
5				"	u	30.18	"	44	41		"	"	3		
6				u	"	30.45	"	"	"		"	"	2		
7				44	u	u	"	"	u		44	"	u		
8				u	"	30.13	"	"	"		"	"	3		
9				u	u	30.12	47	48	48		44	44	u		
10				"	"	u	49	49	50		44	"	"		
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Noon				и	u	30.04	. "	50	51		и	ш	1		
Distan	nce rur	n by Lo	og since pr	eceding No	on					k	nots	fa	athoms.		
Latitud	de by	D. R. a	at Noon								0		4	и	
Longit	ude b	y D. R	. at Noon								0		4	и	
Latitud	de by	Obser	vations at N	Noon ⊕							0		•	и	
-				om Foreno	on Obser	vations ⊕					0		•	и	
Currer time	nt duri	ng the	:	knot	s	fms. pe	er hour, s	etting to	the						
	ion of	the Co	ompass by	Amplitude	⊕ observ	ed at Sunris	е				0		"	и	
Variat	ion of	the Co	ompass by	Azimuth ⊕	observed	l at					0		44	и	
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Water					during	the precedir	ng 24 hou	ırs						u	
Water	rema	ining c	on hand fit f	or me at No	oon								219	0 "	
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P,M.												0:			
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3				"	"	29.96		54	"		"	"	2		
4				44	"	u	"	"	"		44	66	"		
5				u	и	u	54	53	54		"	"	4		
6				"	и	"	и	**	44		и	ш	u		
7				44	"	29.94		49	50		ш	44	"		
8				u	"	u	"	48	"			u	"		
9							51	47	47		b				
10						29.95		45	43				10		
11						29.92		44	44			"	"		
Mid.							48								
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Variat	ion of	the Co	ompass by	Amplitude			observed	at Sun	set		0		•	и	
Variat	ion of	the Co	ompass by				at				0		4	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear first part of watch, overcast latter part. Cold and calm.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Cloudy and cold. Norfolk pilot cam on board at 6 o'clock. Started fires under port boilers at 8 o'clock.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and cold, strong N.W. breeze. Post Asst Surgeon A.M. Moon reported for duty as relief of Post Asst Surgeon W. B. Davis, who left the ship. At 9 o'clock crossed topgallant yards. At 9.45 inspected crew at quarters. At 11 o'clock got underway under steam, standing out for Hampton Roads under direction of pilot.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Cool. Pleasant. Fresh N.W. breeze. At 12.45 hoisted distinguishing pennant and made interrogatory signal 1211. Flagship answered with Army Code. At 1 o'clock cam to with port anchor in Hampton Roads in 12 fathoms of water, veering to 45 fathoms of chain. Rip Raps bearing (pc) ESE. Old Point Comfort Light NE 1/2 N. At 1.15 the Captain paid official visit to the flagship. At 1.30 pilot left the ship. At 1.50 slack water. Riding to windward flood tide. At 1.50 hauled fires under four main boilers. Draft 14 feet 2 in forward. 15 in [feet] amidships. 16 feet aft.

(Signed) Richard G Davenport Lieut.

From 4 to 8 P.M. Cloudy and cold. At 4.30 "Hartford" made signal 2985. At 4.35 sent down topgallant yards and housed topgallant masts. At 5.35 slack water. All five banked except in two furnaces. Ship riding across wind and tide.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Weather clear and cool. Light NW breeze. Tide turned to ebb at 11. Bright moonlight.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Norfolk Va.

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Latitude by Observations at Noon ⊕ ° "	
Longitude by Chronometer from Forenoon Observations ⊕ ° "	
Current during the knots fms. per hour, setting to the	
time Variation of the Compass by Amplitude ⊕ observed at Sunrise ° " "	
Variation of the Compass by Azimuth ⊕ observed at o " "	
Water expended during the preceding 24 hours 221 gallons	
Water Condensed during the preceding 24 hours "	
Water remaining on hand fit for me at Noon 2190 "	
Coal consumed during the preceding 24 hours 2 tons 640 lbs.	
Coal remaining on hand at Noon 148 " 100 "	
P,M.	
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9 INV 25.54 40 45 45 Culli 5	
25.55	
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Longitude by Chronometer from Afternoon Observations ⊕ ° " "	
Longitude by Chronometer Observations]	
Variation of the Compass by Amplitude observed at Sunset ° "	
Variation of the Compass by at "	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Moderate N.W. breeze. Bright starlight. Slack water at 1. Swung to flood at 1.30. Steam in two boilers. Commenced distilling at 2. Moon set at 2.20.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear cool and pleasant. Moderate breeze from S. and W. Steam in two boilers. Swung to ebb at 7.30. By order of Comdg Officer F. N. Cole (2.C.B.) is declared a deserter, he having been absent from the ship ten days without leave.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Overcast and cool. At 9 sent up topgallant masts and crossed topgallant yards, and loosed sail. At 9.45 at quarters and exercised divisions. Flagship signaled 3247. At 11.30 furled sail.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Weather cool and with drizzling rain in latter part of watch. At 2.20 made signal interrogatory 4881. Flagship answered and made signal 904. Slack water at 2.40. Exercised at serving and equipping boats. Sold deserters clothing at auction, realized \$20 (twenty dollars). Fresh N.W. breeze. Tide turned flood at 3.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast and squally, rainy. Fresh WNW breeze. At 4.35 Flagship made general signal 5109. At sunset sent down topgallant yards and housed topgallant masts. At 5 Flagship made general signal 4881. At 5.30 served out clean hammocks. Slack water at 5.45. Riding to ebb. Steam in two boilers. Condensing.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Light breeze from the W.

(Signed) J. T. Sullivan Lieut.

Asa Walker, Lieut.
Navigator.

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	Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. o Sky, in	Sea.	under at end of watch.
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A,M.													_			
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			hand at No									146		400	"	
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P,M.																
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5				"	u		29.80	55	55	55		"	"	u		
6				W	u		29.87	54	52	52		oq	"	2		
7				ш	4		29.86	"	ш	u		u	44	1		
8				ш	u		29.88	"	"	"		и	44	"		
9				**	3		29.90	"	51	51		bc	и	3		
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RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast and cool. Calm. Tide turned flood at 1.45.

(Signed) J. K. Cogswell
Lieut.

From 4 to 8 A.M. Overcast. Damp. Cool. Disagreeable. Calm. Cum nimb clouds. At 7.30 Flagship made general signal 3350. Slack water at 8. Steam in two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast, damp and cool. At 9 Flagship made general signal 3249 and 6141. At 9 fidded topgallant masts and swayed topgallant yards up and down the masts. Swung to ebb at 8.30. At 9.40 inspected at quarters. 1st and 2nd divisions exercised at great guns. Masters and Powder divisions at facings. Steam in two boilers.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Overcast, rainy cool. During the watch engaged in scraping blocks. At 3.10 slack water. At 3.40 Flagship signaled (Army Code) reef hammocks. At 3.50 ship swung to flood tide.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast, damp, cool and rainy. At 5 mustered at quarters. Riding to flood. Steam in two boilers.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear, cool and pleasant. Light W.S.W. wind. Steam in two boilers. At 8.10 slack water. At 8.30 swung to ebb.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROME	ETER.	Т	EMPERAT	URE.	01-1	F		01-1-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	€	Height in nches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	×	ш												2.07		
1				Calm	0	3	0.02	51	49	49		om	Cum	0		
				"	"		0.02	.»	49	49		u"	Nimb "	"		
2				"				429					"	"		
3 4				"	u	"		479	u	ш		ш	и	"		
5				ш	u	3	0.06	50	48	48		44	"	"		
6				"	и		0.08	49	"	"		66	и	"		
7				ш	u		0.11	in	u	ш		"	"	"		
8				"	u		0.14	439	и	и		ш	ш	"		
9				WSW	2	"		"	"	49						
10				ш	1	"		433	"	и		44	ш	"		
11				"	3	"		50	"	48		64	и	"		
Noon				SW	и	и		49	49	и		omq	"	и		
D: 1			i										,			
			og since pro	eceding No	on						K	nots	ta ,	thoms.	и	
			at Noon									0			и	
			R. at Noon rvations at N	loon @								0	،		и	
			onometer fr		on Ohear	vations (A					0			ш	
-		ring the						our oo	tting to	tho						
time	4:	£ 41 O		knot				ioui, se	tting to	uie		0		,	u	
			ompass by				inrise					0		4		
			ompass by during the p			aı								221.6	allons	
Wate		Conder		receding 2		the prec	redina	24 hour	·e					30		
			on hand fit f	or me at N	_	inc prec	cuing	24 11001	3					219		
			uring the pr										tons	2200	lbs.	
			n hand at N									145		440	"	
P,M.													Cum			
1				SW	2	3	0.13	48	47	48		or	Cum Nimb	0		
2				"	и	и		479	48	и		u	и	"		
3				ш	u	"		439	46	и		u	u	u		
4				44	и	"		439	"	и		ш	и	"		
5				ш	2-3	3	0.14	50	48	и		44	и	"		
6				"	2-4			49	"	u		"		"		
7					2-3			50								
8									50	50		orm	Cir			
9				WSW	3		0.15	439	49	49		bc	Cum	2		
10					"	u		479				"		5		
11				"	"			429	"	u		"	u	"		
Mid.				•	-	ű		***	-	-		-		-		
Longi	itude l	by Chr	onometer fr	om Afterno	on Ohser	vations	(0			и	
-			onometer O				9		1			0			"	
			ompass by		-		οh	served	ر at Suns			0			и	
			ompass by	,				at		-		0			и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cold. Light N.W[ester]ly airs. Rising to the flood at 5 o'clock.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Weather cloudy and cool. Light N.E. breeze. Riding to flood tide.

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. . Overcast. Cool. Light breeze from N. At 9.30 inspected at quarters. 1st Division exercised at single sticks. 2nd Division small arms. At 9.00 slack water. At 9.40 ship swung to ebb tide. At 11.10 Admiral visited the ship. During the watch crew engaged in scraping hocks. Steam in two boilers. At 10 hoisted num 9.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast and cool. Riding to the ebb tide. At 1.00 Flagship made signal 3918, piped down scrubbed hammocks. At 1.30 mustered at quarters and turned in clean hammocks. Slack water at 2.30. At 3.00 ship swung to flood tide. At 3.30 sent on board "Montauk" the following named men for temporary duty. Richard Beale (Mach) Fred Cashman (I.C.F.) John McArdle (I.C.F.) Walter Carter (I.C.F.) Wm. D. Saddler (2.C.F.) Thos Curley (2.C.F.) Mick Gerry (2.C.F.) Mick Leary (C.H.) John Peat (C.H.) Jeremiah Murry (C.H.) and James Hughes (C.H.)

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Clear cool and pleasant. Light breeze from N and E. Steam under two boilers.

(Signed) J. T. Sullivan
Lieut.

From 8 to Midnight. Cloudy. Cool. Pleasant. Fresh N.E. breeze. Cir cum clouds. Obscured moonlight. Slack water at 9.10. Swung to ebb at 10. At 11.30 U.S.S. "Huron" came down and anchored, showed distinguishing lights. Steam in two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	¥	ш												2.57		
A,M.				NNW	3		20.16	40	40	40		ho	Cum	_		
1 2				"	2		30.16	49	48 47	48 47		bc "	Cum "	5		
3				ш	"		u	49	47	47		ш	"	"		
4				ш	u		"	47	"	"		44	u	"		
5				NE	3		30.18	"	и	ш		ш	Cum	2		
6				"	"		30.20	u	"	ш		ш	ste "			
7				u	и		30.20 "	48	47	"		ос	ш	0		
8				ш	ш		"	"	48	ш		"	"	"		
9				N	1		30.21	49	"	49		0	Cum	"		
				"	"			"	и			"	Nimb "	"		
10				u	2-5		30.22 30.20	50	"	50 "		Oq		"		
11 Noon				u	2-5 3-5		30.20 "	5U "	u	"		"	ш	"		
•					3-0											
Distan	ice ru	n by L	og since pr	receding No	on						k	nots	fa	thoms.		
Latitud	de by	D. R.	at Noon									0		4	и	
Longit	ude t	y D. F	R. at Noon									0		4	и	
Latitud	de by	Obse	vations at	Noon ⊕								0		4	ш	
-				rom Foreno	on Obser	vatior	ıs ⊕					0		4	ш	
Currer time	nt dur	ing the	Э	knot	is	1	fms. per l	nour, se	tting to	the						
	ion of	the C	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0			ш	
Variati	ion of	the C	ompass by	Azimuth ⊕	observed	d at						0			и	
Water	expe	nded	during the p	oreceding 2	4 hours									221 (gallons	
Water	C	Conder	nsed		during	the p	receding	24 hou	s					36	5 "	
Water	rema	aining	on hand fit	for me at N	oon									219	0 "	
Coal c	onsu	med d	uring the p	receding 24	hours								tons	2090	lbs.	
Coal r	emai	ning o	n hand at N	loon								144	ш	590	ш	
P,M.																
1				N	4		30.20	49	48	48		oq	Cum	0		
2				NW	2		30.18	u	и	"		or	Nimb "	"		
3				NE	u		30.10	50	48	49		0	ш	"		
4				и	u		"	"	49	"		bc	ш	3		
5				ш	3		30.12	u	48	50		u	ш	4		
6				N by W	1		u	"	ш	"		и	ш	2		
7				NE by N	и		"	51	49	"		и	u	3		
8				NNE	3		"	"	"	"		и	Cir	4		
9				NE	4		30.10	u	"	48		u	Cum "	"		
10				"	5		30.08	50	48	"		u	ш	"		
11				ш	6		30.06	"	"	"		u	"	u		
Mid.				es	u		30.04	ш	и	"		u	"	u		
_				rom Afterno		vatior	ns ⊕					0	,	4	и	
_				Observation	s]			0		•	ш	
				Amplitude			ob		at Suns	et		0			ш	
Variati	ion of	the C	ompass by					at				0		•	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast. Rainy during last two hours of watch. Fresh breeze from N.E. by N. Barometer falling slowly. Slack water at 2. Ship swung to flood at 2.30.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Overcast and stormy. Wind fresh in squalls from N and E. Riding to flood tide.

(Signed) J. T. Sullivan

Lieut.

From 8 to Merid. Stormy, snowing. Strong breeze from N hauling to W. At 10.15 veered to 60 fathoms port chain. At 10.15 ship swung to ebb tide.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Cold. Squally. Rainy. Snowing. Strong N.W. wind. Riding to ebb. Steam in two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast, rainy, squally. At 4.30 Flagship made signal 4985. At 5.15 slack water. Ship swung to flood at 6.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Weather cloudy and cold. Fresh breeze from N.W. Light drizzling snow in latter part of watch. Swung to the ebb at 10.25. Moon visible.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

				WINE	os.	BARON	METER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		g	Courses steered.	Direction.	Force.	Height in inches.	Ther.	Air	Air	Water	the Weather	Clouds, by	o. of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				∯ in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
	¥	ш.													
A,M.				NE	_										
1				by N	5	30.05	46	45	45		0	Nimb	0		
2				ш	и	30.01	"	44	"		ш	44	u		
3				ш	и	29.98	"	44	ш		or	44	u		
4				и	6	29.97	"	ш	ш		"	ш	u		
5				и	5	29.95	45	44	44		oq	ш	u		
6				и	"	29.92	"	45	43		u	ш	u		
7				и	и	29.90	44	"	ш		"	ш	u		
8				и	и	29.88	"	"	ш		"	ш	u		
9				NNE	6	"	45	44	44		44	и	u		
10				44	и	29.86	44	42	43		44	и	ш		
11				N	и	28.85	"	40	40		oqs	ш	u		
Noon				N by W	ш	29.83	"	42	42		44	44	u		
Distan	ice rui	n by L	og since pre	eceding No	on					k	nots	fat	thoms.		
Latitud	de by	D. R. a	at Noon								0	4		и	
Longit	ude b	y D. R	. at Noon								0	4		44	
Latitud	de by	Obser	vations at N	loon ⊕							0	4		44	
Longit	ude b	y Chro	nometer fro	om Foreno	on Obser	vations ⊕					0	4		44	
Currer time	nt duri	ng the	:	knot	S	fms. per	hour, se	etting to	the						
	ion of	the Co	ompass by	Amplitude (⊕ observ	ed at Sunrise					o	44		u	
Variati	ion of	the Co	ompass by	Azimuth ⊕	observed	l at					0	"		66	
			during the p										221	gallons	
Water		onden		•		the preceding	24 hou	rs					73		
Water	rema	ining o	on hand fit fo	or me at No	oon								219	0 "	
Coal c	onsur	ned d	uring the pre	eceding 24	hours						1	tons	620	lbs.	
Coal re	emain	ing or	hand at No	oon							142	" 2	210	u	
P,M.															
1				N by	4-5	29.80	43	41	42		orqs	Nimb			
2				W "	u	"	"	"	"		oqs	ш			
3				и	5	29.82	42	41	"		"	ш			
4				u	5-7	"	43	"	u		"	ш			
5				и	u	"	42	40	"		orq	ш			
6				WNW	3-5	29.85	43	41	43		oq	ш			
7				NW	u	29.89	44	"	41		oqs	"			
8				u	2-4	"	"	"	u		0	Cir			
				u		"	40	40	40			Nimb"			
9				и	4	и	42 41	40	40		oq "				
10				и	u	и	41	39	39		u				
11 M:d				u	u	"	"	4	u						
Mid.											os				
Longit	udo h	v Chr	nometer fro	om Afterna	on Oboc	vations ①					0	4		и	
_						valiUHS 🖶		,	1		0			"	
			onometer Ol ompass by <i>i</i>		,	_	bserved	at Suns			0			"	
			ompass by <i>i</i>	- inpillude		O		at Suils	oct		0			u	
vandl	OII UI	uie O	niihass nà				at								

[Editor's Note: The following was attached to the December 1 log entry.]

By order of Commanding Officer, the following apprentices were advanced in rating, from the 1st of Dec, 1876., for proficiency and good conduct while on duty. Viz, From 2nd C Boy to O. Sea 2nd class. John W. Scott 1st Class Boy. Wm. G. Smith Charles Delmar From 1st C. Boy to O. Sea 2nd class. Thomas Murphy Louie Potts From 2nd C. Boy to 1st Class Boy Jamie Gillespie Charles J. Owen Michael Mangan From 1st C. Boy to O. Sea 2nd Class. John Kirk

Wm. J. Lindon From 2nd C. Boy to 1st Class Boy. Wm E. Haggenbotham " " " " " " "

E. F. Fury From 1st C. Boy to O. Sea 2nd Class.
Charlie Zeller " " " " " " " "

Patrick Duffy " " " " "

John Pettit From 2nd C Boy to O Sea 2nd class.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Freezing. Fresh wind with strong puffs from N.W. Obscured moonlight. Riding to ebb. Slack water at 3.30. Stream in two boilers. Condensing. (Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear, cool weather with fresh wind from N and W. Swung to flood at 4.10. U.S.S. "Huron" got underway and stood out of harbor. Hove in to 45 fathoms on port chain. At 7.30 Flagship made signal 3354.

> (Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear. Cold. Fresh N.W. wind. At 8.50 Flagship made general signal 5455. At 9.30 exercised at general quarters. At 9 loosed sail. At 10.30 swung to ebb. At 11.25 Flagship made general signal 5426. At 11 furled sail. Riding to ebb. Steam in two boilers. Condensing. (Signed) J. T. Sullivan

Lieut.

From Merid. to 4 P.M. Overcast, cold. Strong breeze from N and W. At 3.25 Flagship made signal 2984. John O'Neil (C.T.) suspended from duty and confined to the berth deck for not obeying orders.

> (Signed) J.K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Cold. Fresh W.N.W. wind. At 5.35 slack water. Ship swung to flood at 6. Steam in two boilers. Condensing.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and cold. Wind fresh from the W. Swung to the ebb at 10.30. (Signed) J.T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

	WIN	DS.	BAROM	ETER.	1	TEMPERAT	URE.	State of	Forms of	5.2	State	
Hour. Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.												
1	NW	4-7	29.88	40	36	37		bc	Cir	2		
2	**	u	29.89	39	34	35		ш	Cum "	4		
3	44	"	29.90	37	32	33		ш	44	5		
4	и	u	29.92	36	31	u		"	u	9		
5	NW	"	"	34	44	31		"	66	"		
6	by N "	4-5	29.94	"	32	"		ш	44	"		
7	ш	4	29.96	"	33	"		"	и	"		
8	"		30.00	"	35	**		ш	44	"		
9	"	"	30.02	"	31	32		"	66	7		
10	NNW	u	"	"	и	u		ш	ee	"		
11	и	u	30.03	35	33	u		"	u	3		
Noon	N by	5	30.04	37	37	37			ш	0		
·	W		00.01	0.	٥.	0.						
Distance run by Log since pre	eceding No	on					k	nots	fa	athoms.		
Latitude by D. R. at Noon								0		4	44	
Longitude by D. R. at Noon								0		4	66	
Latitude by Observations at N	loon ⊕							0		4	**	
Longitude by Chronometer fro	om Foreno	on Observ	vations ⊕					0		4	**	
Current during the time	Kno	ts	fms. per	hour, se	etting to	the						
Variation of the Compass by	Amplitude	⊕ observe	ed at Sunrise					0		"	66	
Variation of the Compass by	Azimuth ⊕	observed	at					0			"	
Water expended during the p	receding 2	4 hours								221	gallons	
Water		during	the preceding	24 hou	rs						"	
Water remaining on hand fit for	or me at N	oon								237	0 "	
Coal consumed during the pro-	eceding 24	hours							tons	2200	lbs.	
Coal remaining on hand at No	oon							142	44	10	"	
P,M.												
1	NW	4	30.00	39	37	39		osq	Cir Cum	0		
2	WNW	6-8	"	"	34	35		fcq	u u	4		
3	44	u	30.01	40	35	36		"	es	"		
4	"	и	30.02	39	36	37		44	44	6		
5	ш	6-4	30.04	40	31	34		"	Cum	2		
6	44	u	30.06	"	29	38		"	Nimb "	5		
7	W	5-7	30.12	"	34	"		"	u	7		
8	W by	"	u	41	36	37		u	Cum	9		
9	S "	5	u	40	35	36		44	"	"		
10	66	5 4	30.10	40	34	35		u	ш	и		
11	44	"	30.10 "	39	33	34		fc	ш	8		
Mid.	ш	"	"	38	32	33		"	ш	"		
				50	J <u>L</u>	50						
Longitude by Chronometer from	om Afterno	on Observ	vations ⊕					0		4	ш	
Longitude by Chronometer O	bservation	S]		0		4	"	
Variation of the Compass by	Amplitude		ob	served	at Suns	set		0		4	u	
Variation of the Compass by				at				0		•	44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather cold and cloudy. Moon visible. Strong breeze from N. and W. Ebb tide.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy. Freezing. Fresh W.N.W. wind, cir cum clouds. Slack water at 6. Swung to flood at 7. Steam on two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear. Cold. Fresh wind from W. Carpenter Richardson reported for duty. At 9.30 inspected at quarters. At 10 general muster. Hoisted guard flag. At 10.30 veered to 60 fathoms shackle at port bit, and made preparation for slipping. At 11.15 lighted fire under four main boilers. Slack water. At 11.35 swung to ebb tide. Distilling during watch. At general muster, general order no 7, in regard to the proceeding and findings of the Court Martial of David Ryan (Sea) was read. Read Articles of War.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear and cold. Fresh breeze from the W. "Plymouth" arrived from Norfolk and anchored at 1.45. Banked fires under six boilers.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear and cold. Fresh W. breeze. Slack water at 5.15. Swung to flood at 6. Banked fires under six main boilers. Average steam pressure 27 lbs. Temp of bunkers 76°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear first part of watch, overcast latter part. Fresh N.N.W. wind. Cold. Slack water at 10.30. Swung to ebb at 10.50. Banked fires under six boilers. Average steam pressure 25 lbs. Temp of bunkers 92°.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

				WINI	os.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	2	Ē												ē. s		
A,M.													Cum			
1				NW	5-7		30.10	31	30	30		bc	Nimb	1		
2				ш	"		30.09	и	"	ш		ш	44	"		
3				W	"		"	ш	29	29		ш	"	"		
4				44	ш		"	30	ш	и		ш	"	u		
5				NNW	ш		30.10	ш	28	28		u	44	и		
6				"	ш		и	ш	29	29		и	ш	и		
7					"			"	26	26				"		
8				"	"		"	34	25	и			"	"		
9				W	"		30.12	36								
10					"		30.11	39	34	34			Str "	8		
11 Noon					"					35				6		
							30.10	-	-				-			
Distan	ce rui	n by L	og since pre	eceding No	on							knots	fa	thoms.		
		-	at Noon	Ü								0	,		"	
			. at Noon									0	4		и	
			vations at N	Noon ⊕								0	4		и	
			onometer fr		on Obser	vations	⊕					0			и	
Currer	nt duri	ing the	;	knot	s	fn	ns. per l	nour. se	ttina to	the						
time Variati	on of	the Co	ompass by					,	. 3			0		4	и	
			ompass by									0		4	u	
			during the p											221 (gallons	
Water		onden				the pre	eceding	24 hour	's					24		
			on hand fit f	or me at N	_									219		
			uring the pr									2	tons	1460	lbs.	
			hand at N	-								139		790	"	
P,M.													Cin			
1				W	4-6		30.09	40	36	36		bc	Cir Cum	6		
2				ш	"		30.06	42	38	38		"	44	8		
3				ш	5-7		30.08	44	39	40		"	44	"		
4				ш	u		"	44	43	46		u	"	u		
5				ш	u		30.10	42	39	39		u		7		
6				ш	"		ш	41	38	38		и	ш	5		
7				W by N	6-8		"	"	"	и		u	ш	3		
8				"	5-7		30.12	"	40	40		u	u	2		
9				NNW	u		ш	40	38	38		u	u	3		
10				"	"		30.13	u	35	35		u	"	4		
11				"	"		30.15	u	ш	33		u	"	"		
Mid.				44	ш		ш	"	и	u		u	и	u		
-			onometer fr			vations	⊕ ⊕					0	•		ш	
•		•	onometer O		8]			0			"	
			ompass by	Amplitude			ob		at Suns	et		0			"	
Variati	on of	the Co	ompass by					at				0	•		44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool. Moderate breeze from N and W. Riding to ebb tide.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Weather cloudy and cold. Clear in latter part of watch. Light N.W. breeze. Tide turned flood at 5.45. Flagship made general signal.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and cold. Riding to flood tide. At 9.00 made interrogatory signal 4557. Flagship answered 9.04. Hauled fire under four boilers. At 9.30 mustered at quarters. Comdg Office inspected crew and ship. At 10 called all hands to muster and prayers were read by Comdg Officer. Slack water at 11.20. Temp of bunkers 93°. Average steam pressure 20 lbs. Banked fires under two boilers. Distilling.

(Signed) Richard G. Davenport

From Merid. to 4 P.M. Clear and cold. Light N.W. breeze. Swung to ebb at 12.30. At 3.30 Midshipman W. G. Hannon reported for duty. At 3 "Tallapoosa" came in and passed on to Norfolk.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear cool, with light breeze from N.W. At 5.10 commenced distilling. At sun down got up clothes lines. Slack water at 6.45. At 7 ship swung to flood.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Clear. Cold. Pleasant. Moderate breeze from N.N.W. Bright moonlight. Riding to flood. Steam on two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

				WINE	DS.		BAROME	TER.	TI	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A M	¥	ш												2.57		
A,M. 1				WNW	4		30.18	36	35	35		bc	Cum	8		
2				"	"		30.10 "	"	"	"		u u	"	"		
3				ш	u		30.20	"	44	ш		С		2		
4				44	3		"	"	"	ш		"	44	0		
5				NW	3-4		30.22	35	34	33		0	"	"		
6				"	u		30.26	"	"	и		"	"	"		
7				"	"		30.28	"	44	32		bc	44	1		
8				"	u		30.32	"	33	33		u	"	8		
9				NW	u		30.36	39	37	38		"	"	9		
10				by N "	u		и	40	40	40		"		"		
11				44	"		30.34	42	42	42		ш	44	"		
Noon				"	2-3		"	44	"	43		"	44	"		
-								•••								
Distance	e run	by Lo	g since pre	eceding No	on						ŀ	knots	fa	thoms.		
Latitude												0		4	**	
Longitud	de by	D. R.	at Noon									0		4	"	
Latitude	by C	Observ	ations at N	Noon ⊕								0		4	"	
-				om Foreno	on Obse	rvation	ns ⊕					0		4	u	
Current time	durir	ng the		knot	s		fms. per h	nour, se	tting to	the						
	n of t	he Co	mpass by	Amplitude	⊕ obser	ed at	Sunrise					0		4	"	
Variation	n of t	he Co	mpass by	Azimuth ⊕	observe	d at						0		4	**	
Water ex	xpen	ded d	uring the p	receding 2	4 hours									221 g	allons	
Water	Co	ndens	sed		during	the p	receding	24 hour	s					36	5 "	
Water re	emair	ning o	n hand fit f	or me at No	oon									255	5 "	
Coal cor	nsum	ned du	ring the pr	eceding 24	hours							2	tons	1300	lbs.	
Coal ren	maini	ng on	hand at No	oon								130	"	1730	"	
P,M.																
1				NNW "	3		30.32	47	46	47		bc "	Cum "	9		
2				"			30.30	50	47	48		"		"		
3					2		30.29	53	49	50		"				
4				и	"			52	52 50	56 46		ш		"		
5 6				ш	u			50 48	48	46 45		44	44	"		
7				"	1-2			46	43	43		b	"	10		
8				"	"			45	"	48		"	"	"		
9				44	2			44	42	42		44	44	"		
10				44	2-5			43	41	72		44	44	"		
11				"	4			"	40	40		и	и	"		
Mid.				"	3			"	"	"		и	и	"		
					-											
Longitud	de by	Chro	nometer fro	om Afterno	on Obse	rvatio	ns ⊕					0		4	44	
				bservations					1			0		•	u	
-				Amplitude			ob	served	at Suns			0		•	"	
			mpass by	•				at				0		4	u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear cool and pleasant. Light N.N.W. breeze. Bright moonlight. Swung to ebb at 12.20. Distilling with two boilers.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 A.M. Clear and cold. Light N.W[ester]ly airs. Swung to the flood at 6.30. At 7.30 Flagship made general signal 3550.

(Signed) J. T. Sullivan

Lieut.

From 8 to Merid. Clear, cool and pleasant. Light breeze from N. and W. Ebb tide.

(Signed) J. K. Cogswell

Lieut.

From Merid. to 4 P.M. Clear. Cold. Light N.N.W. breeze. Slack water at 12.43. At 1.30 made signal 2424. During watch engaged in exercise with all boats. Steam in two boilers. Distilling. (Signed) Richard G. Davenport

Lieut.

From 4 to 8 P.M. Clear and cool, light breeze from N. and W. Riding to ebb tide. Slack water at 7.25. During latter part of watch ship swinging to flood tide.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Midnight. Weather cloudy and cool. Light N.W. breeze. Riding to the flood. Moonlight. (Signed) J. K. Cogswell

Lieut.

Asa Walker, Lieut. Navigator.

				WINE	os.	BA	ROMETER.		TI	EMPERAT	URE.	01-11	F		04-4-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Feeway.	att	er. d.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	조	Fa												ĒØ		
A,M.																
1				NNW	2	30.3			40	30		bc "	Cir "	9		
2					"		42		38	35						
3						30.4	0 40		35	32			"	8		
4					"	"								9		
5					"		39	,	u	35						
6					"	30.4	2 38)						"		
7				"	"				36	38		"	"	"		
8				u	1.0	30.4	,		38	39		"	"	"		
9				u	1-2	30.4	7		46			"	"	"		
10				u	u		4(7 4		40	40		"	"			
11 Noon				"	"	30.4 30.4			41 43	43 41		"	"	8 7		
•						30.2	2 44	,	43	41				,		
Distan	ce rur	n hv L r	na since nr	eceding No	on						k	nots	fa	thoms.		
			at Noon	0000	011							0			"	
			. at Noon									0			u	
			vations at I	Noon ⊕								0	,		"	
				om Foreno	on Obser	vations ⊕						0			u	
Currer time				knot			er hour,	settii	ng to t	the						
Variati	on of	the Co	ompass by	Amplitude	⊕ observe	ed at Sunri	se					0	6	4	"	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	at						0	6	4	"	
Water	exper	nded d	luring the p	receding 2	4 hours									221 g	gallons	
Water	C	onden	sed		during	the preced	ing 24 h	ours						73	0 "	
Water	remai	ining c	n hand fit t	for me at No	oon									219	0 "	
Coal c	onsur	ned dı	uring the pr	receding 24	hours							1	tons	1060	lbs.	
Coal re	emain	ing on	hand at N	oon								135	" (670	"	
P,M.																
1				NNW	4	30.4			44	42		bc	Cir	5		
2				"	"	"	"		ш	ш		u	ш	"		
3				" NIVA/	u	ш	44		ш	и		u	"	6		
4				NW by N	u	30.4	0 43	3	45	45		44	"	7		
5				NW	1-2	ш	45	5	43	44		44	Cir Str	3		
6				"	ш	ш	40)	42	и		ш	"	9		
7				NW	2	"	"		"	42		ш	Cum	8		
8				by W "	1-2	u	"		"	и		44	44	u		
9				44	1	44	44	ı	ш	41		u	Cir	7		
							"		ш	41			Cum "			
10					1-2									5		
11							43		40	40				0		
Mid.														1		
Longit	ude b	y Chro	nometer fr	om Afterno	on Obser	vations ⊕						0	4		"	
Longit	ude b	y Chro	nometer C	bservations	3]			0			"	
Variati	on of	the Co	mpass by	Amplitude			observ	ed at	Suns	et		0			"	
Variati	on of	the Co	ompass by					at				0			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Damp. Hazy. Light N.W. breeze. At 1.05 slack water. At 1.50 swung to ebb tide. Obscured moonlight. Steam in two boilers. Distilling.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Overcast first part of watch, clear latter part. At 7 slack water. At 7.30 swung to flood. Received in Pay Department 138 lbs of beef, 120 lbs of vegetables. Hoisted guard flag. (Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear, cold. Fresh breeze from N and W. At 8 started fires under four boilers. At 9.30 inspected at quarters. Exercised 1st Division at small arms. 2nd Division at single sticks. Powder Division at facings. Fires banked under six boilers.

> (Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and cold. Fresh breeze from N and W. At 2.30 swung to the ebb. Engaged in fitting waste and sails of boats.

> (Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Cold. Moderate breeze from N.N.W. At 4.15 Flagship made general signal 2985. At 5.20 commenced distilling. Banked fire under six boilers. Riding to ebb. (Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and cold. Light N.W[ester]ly airs. At 9.15 swung to flood. Fires banked under six boilers. Distilling. Average steam pressure 27 lbs. Temp of bunkers 67°.

(Signed) J. T. Sullivan

Lieut.

Asa Walker, Lieut. Navigator.

			WINI	DS.		BAROME	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	T.												± 0		
A,M.															
1			NNW	3		30.39	40 "	38	40		bc "	Cir "			
2			N "	и		30.40		37	37		u				
3			u	u		ш	36 38	38	36		ш	Cum "			
4 5			NNW	u		"	30 "	36 32	32		0	44	0		
6			"	и		"	44	"	"		bc	"	"		
7			ш	u		"	44	44	и		"	"	"		
8			"	u		u	"	"	"		44	44	"		
9			"	u		"	39	44	u		44	4	"		
10			u	и		"	40	34	34		ш	"	u		
11			u	u		30.38	41	"	36		66	"	"		
Noon			44	u		"	"	"	"		ш	"	"		
•															
Distance ru	n by Lo	g since pre	eceding No	on						k	nots	fa	thoms.		
Latitude by	D. R. a	t Noon									0	•		"	
Longitude b	y D. R.	at Noon									0	•		"	
Latitude by	Observ	ations at N	Noon ⊕								0			u	
Longitude b	y Chro	nometer fr	om Foreno	on Obse	rvatio	ns ⊕					0			ш	
Current duri	ing the		knot	s		fms. per h	nour, se	tting to	the						
time Variation of	the Co	mpass by	Amplitude	⊕ observ	ed at	Sunrise					0	"		u	
Variation of											0	u		u	
Water expe													221 (gallons	
Water		9			the p	receding	24 hour	s						"	
Water rema	aining o	n hand fit f	or me at N	-		Ü							219	0 "	
Coal consu											2	tons	1790	lbs.	
Coal remain											132	" 1	1120	ш	
P,M.															
1			N by W	2-3		30.38	40	36	35		bc	Cir Cum	2		
2			u	u		30.34	44	38	39		ee	"	u		
3			NNW	3		"	"	36	38		u	44	u		
4			44	u		30.38	41	34	35		u	66	4		
5			44	u		30.35	42	33	34		u	66	u		
6			NW	2		30.36	"	40	ш		u	66	8		
7			"	и		30.37	"	44	42		u	"	7		
8			"	и		"	"	32	32		u	"	8		
9			u	u		30.38	"	**	и		ш	"	u		
10			u	1-2		"	40	**	и		ш	"	9		
11			"	u		u	39	"	и		ш	u	"		
Mid.			ш	3-4		и	"	"	и		u	u	u		
											_				
Longitude b					rvatio	ns ⊕					0	•		и	
Longitude b				S]			0	•		"	
Variation of			Amplitude			ob		at Suns	et			•		"	
Variation of	the Co	mpass by					at				0	,		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and cold. Light breeze from N and W. High water at 2 o'clock

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Freezing. Light N.W. breeze. At 7.30. Flagship made general signal 3350. Banked fires under six boilers. Distilling. Riding to ebb. At 8 hoisted guard flag. (Signed) Richard G. Davenport

Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from N.W. Slack water at 8.55. At 9 Flagship made preparatory 5455. Loosed sail. At 9.30 mustered at quarters. Exercised at infantry and howitzer drill. At 11.25 Flagship made preparatory 4726. At 11.50 furled sail. Temp coal bunkers 64°. John O'Neil (C.T.) was released from arrest by order of Comdg Officer.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Cool, clear and pleasant. Light breeze from S. and W. At 1.30 Flagship signaled 3108. At 1.30 but light sails and crossed topgallant and royal yards. Exercised at making and reefing sail. At 3 sent down topgallant and royal yards. At 3.30 Flagship made general signal 2984. Swung to ebb at 3.30. At 4.50 Flagship made general signal 4880. Fires banked under six boilers. Average steam pressure 25 lbs. Temp of bunkers 64°. Exercised with Flagship in signaling by Commercial Code.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear and pleasant, light breeze from S and W. Ship riding to the ebb. Steam pressure 20 lbs. Temp of bunkers 64°. Gave W. Moore (B) and F.C. Jones (B) two hours extra duty by order of Comdg Officer, for being noisy at hammocks.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear and cool. Fresh S.W. breeze. Riding to the ebb tide. Slack water at 10.30. At 11 swung to flood. Average steam pressure 18 lbs. Temp of bunkers 80°.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut. Navigator.

				WINE	os.	BARON	IETER.	-	TEMPERAT	URE.	State of	Forms of	=	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥	ш													
1				NW	1-2	30.38	38	31	30		bc	Cir	8		
2				u	2	"	34	38	32		u	Cum "	"		
3				N	"	"	"	"	ш		ш	"	u		
4				ш	u	"	"	*	ш		ш	"	u		
5				NW	u	30.39	"	37	34		ш	44	9		
6				ш	"	"	"	"	ш		ш	"	10		
7				и	ш	30.40	38	38	u		ш	44	u		
8				ш	"	u	36	36	36		44	"	u		
9				и	u	30.42	35	35	34		ш	44	и		
10				Calm	0	30.40	44	42	42		44	"	и		
11 Noon				SW	0-1	30.37	46	"	44		ш	"	и		
·				и	ш	30.34	ш	"	42		и	ш	"		
Dieten		النظم		andina Na						le.		fo	th a ma		
			og since pre	eceang No	OH					K	nots	ıa ,	thoms.	"	
			at Noon at Noon								0			"	
-			vations at N	Joon ⊕							0	4		"	
			nometer fr		on Obser	vations ⊕					0			ш	
Currer				knot		fms. per	hour se	ettina to	the						
time Variati	on of	the C	omnass hv			ed at Sunrise	riour, o	otting to	uio		0			"	
			ompass by								0	6	4	"	
			during the p										211 c	allons	
Water		onden		3		the preceding	24 hou	irs					730		
Water	rema	ining o	on hand fit f	or me at No	_								255	5 "	
Coal c	onsur	ned d	uring the pr	eceding 24	hours						2	tons	910	lbs.	
Coal re	emain	ing or	hand at No	oon							130	" 2	210	u	
P,M.															
1				S by W	1-2	30.30	47	42	42		bc	Cir Cum	10		
2				u	u	30.26	48	**			44	"	u		
3				SW	"	30.24	49	"			u	"	"		
4				SW by W	u	30.20	53	49			44	"	u		
5				SSW	"	"	50	43			u	"	ш		
6				и	u	u	48	42			u	44	u		
7				ш	"	"	47	"			u	и	"		
8				и	u	30.19	"	41			bc	ш	9		
9				ш	2-3	30.20	46	39			b	"	10		
10				SW by S	"	u	44	40			ш	и	"		
11				"	4	30.18	"	30			bc	Ste	9		
Mid.				и	u	30.16	и	"			**	ш	u		
Longit	ude b	y Chro	onometer fro	om Afterno	on Obser	vations ⊕					o			и	
Longit	ude b	y Chro	onometer O	bservations	8]		0			"	
Variati	on of	the Co	ompass by	Amplitude		O	bserved	at Sun	set		0	•		"	
Variati	on of	the Co	ompass by				at				0	•		и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cold. Fresh S.W. breeze. Swung to the ebb at 3.15. Fires banked under six boilers. Average steam pressure 30 lbs. Temp of bunkers 65°.

(Signed) J. T. Sullivan.

From 4 to 8 A.M. Weather cloudy and cool. Light S.W. breeze. Riding to the ebb. Received fresh provisions for crew. Hoisted guard flag at 8 A.M.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and cool, light S.W. breeze. At. 8.45 Flagship made prep signal 6144. At 8.55 "Hartford" made signal 6144. At 9 crossed topgallant yards. At 11.15 "Hartford" made signal 1087. At 10.30 slack water. At 11 swung to flood. Temp of bunkers 81°. Average steam pressure 25 lbs. Banked fires under six boilers. Distilling. Exercised crew at clearing ship for action.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast, cold, light S.W. breeze. Riding to flood. Slack water at 3.20. At 3.50 swung to ebb. Average steam pressure 22 lbs. Temp bunkers 80°. Distilling.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear, cold and pleasant. Light S.W. breeze. At 4.15 Flagship made signal 2985. At 4.30 Flagship made signal 6341. At 3.41 sent down topgallant yards. Fires banked under six boilers. Distilling. Temp bunker 85°. Average steam pressure 25 lbs. Riding to ebb.

(Signed) J.T. Sullivan

Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. Light S.W. by W. breeze. Bright starlight. At 11.25 slack water. Swung to flood at 12. Banked fires under six boilers. Distilling.

(Signed) Richard G. Davenport

Lieut.

Asa Walker, Lieut. Navigator.

				WINE	os.	BARC	METER.	7	TEMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	×														
1				SW	5-6	30.12	42	39	36		bc	Cir	7		
2				by W	"	"	"	"	"			Cum "	3		
3				ш	4-5	"	45	44	и		415	"	1		
4				ш	4	30.08		40	38		u >	"	7		
5				SW	3	"	"	"	и		44	Cir			
6				u	2-3	30.07	"	44	и		415		9		
7				ш	2	30.06		"	ш		u»	u	"		
8				u	"	u	"	"	39		us.	ш	"		
9				"	"	30.08	44	42	41		u ·	u	"		
10				ш	"	30.04	46	43	43		u.	"	"		
11				"	u	30.02	48	45	46		u ·	"	"		
Noon				44	"	30.00	50	47	48		u v	ш	u		
Distan	ce rui	n by Lo	og since pr	eceding No	on					k	nots	fa	ithoms.		
			at Noon	5554mg 115	01.						0			"	
			. at Noon								0		ı	ш	
			vations at N	Noon ⊕							0			"	
Longit	ude b	y Chro	onometer fr	om Foreno	on Obser	vations ⊕					0		ı	ш	
Currer time	nt duri	ng the	;	knot	s	fms. pe	r hour, s	etting to	the						
	on of	the Co	ompass by	Amplitude	⊕ observ	ed at Sunrise	•				0		4	"	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	at					0		4	"	
Water	expe	nded o	during the p	receding 2	4 hours								211 g	allons	
Water					during	the precedin	g 24 hou	ırs						u	
Water	rema	ining o	on hand fit f	or me at No	oon								2190) "	
Coal c	onsur	med d	uring the pr	eceding 24	hours						2	tons	1350	lbs.	
Coal re	emain	ing or	hand at N	oon							127	u	1100	"	
P,M.															
1				SW	1	29.98	52	48	48		0	Cum Nimb	0		
2				SW	2	29.96	"	49	49		415	"	"		
3				by W SW	3	29.94	53	*	48		bc	"	2		
4				"	2-3	"	52	47	46		u ·	Cum	"		
5				SW	"	29.92	50	45	44		415	Str "	"		
Ü				by S	"	<u>29.92</u>					# 2	u			
6 7				ш	u	29.94	49 48	43	42		us.	ш	4 9		
8				"	3	29.94		"	u		u ·	и	10		
9				SW	"	29.95		44	u		415	"	9		
				by W	"	29.93	"	"	"		us.	"	9		
10				и	"	20.00	"	4	44		40	"	"		
11 Mid.				ш	"	29.96	"	"	44 42		41	ш	"		
iviid.									-74						
Longit	ude b	y Chro	onometer fr	om Afterno	on Obser	vations ⊕					0			и	
Longit	ude b	y Chro	onometer O	bservations	8]		0			"	
Variati	on of	the Co	ompass by	Amplitude		(bserved	l at Suns	set		0		4	44	
Variati	on of	the Co	ompass by				at				0		•	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool. Light S.W. breeze. At 12.30 ship swung to flood. Average steam pressure 30 lbs. Temp of bunkers 70°. Distilling. Bright moonlight.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 A.M. Clear cool and pleasant. Light S.W. breeze. At 8 Flagship signaled 3350. At 8 hauled down guard flag. Fires banked under six boilers. Riding to ebb. Carpenter Henry Davis was detached from this ship.

(Signed) J.T. Sullivan Lieut.

From 8 to Merid. Clear and pleasant during first part of watch, overcast and cloudy latter part. Light breeze from S and W. At 9.30 exercised at general quarters. At 9.50 received the following telegraphic signals from Flagship. 6853. 6180. 4301. 4345. 9279. 2713. 6555. 1267. 8692. 6970. 6853. 1300. 1339. 1364. 8288. 6860. 1608. 9272. 4097. Placed Richard Jones (Lds) in solitary confinement on bread and water, by order of Comdg Officer, for being drunk on duty. Time at general quarters in casting loose. 1st Division 5 m[inutes] 3 sec[onds]. 2nd Div 3m 30sec. Master Div 6m 15sec. Powder Div 3m 45sec. Marine 1m 30sec. Engineer Div 1m 45sec. Surgeon Div 2m. Swung to flood at 10.30

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Cool. Misty first part, foggy latter part of watch. Right S breeze. At 1.10 exercised crew at reefing topsails. At 3.30 Flagship made general signal 2984. Crew engaged in scraping spars. At 3.40 slack water. Banked fires under six boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast and cool. At 4.30 swung to ebb tide. At 4.30 Flagship made preparatory signal 6070. At sundown sent down royal yards. James Bryson (Boy) reported onboard, having been transferred from U.S.S. "Potomac" to this ship. At 5.30 mustered at quarters and exercised at fire quarters. At 6 Flagship made Coston signal 5109, sent down topgallant yards and housed topgallant masts. Barometer gradually falling. Average steam pressure during watch 35 lbs. Temp of bunkers 70°. Light breeze from S and W.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and cool. Light S[outher]ly breeze. Rising to the ebb. Barometer falling.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

				WINE	DS.	BARON	METER.	1	TEMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	-	_													
1				SW	2-3	29.98	48	43	42		bc	Cir Cum	5		
2				WSW	u	"	49	ш	u		u	"	7		
3				ш	u	29.99	48	42	u		u	Cir	9		
4				ш	u	"	u	ш	и		"	ste Cir	ш		
5				"	u	30.00	46	43	u		u	44	u		
6				W by S	u	u	"	42	41		u	"	7		
7				"	u	30.01	u	41	40		ш	44	5		
8				WSW	u	30.02	u	ш	u		ш	ш	8		
9				SW	u	30.00	u	42	41		ш	"	u		
10				"	2	29.98	48	44	42		"	Cir Cum	5		
11				ш	1-2	29.90	49	48	44		ш	44	1		
Noon				и	и	29.94	50	ш	46		ос	ш	"		
			og since pre	eceding No	on					k	nots		thoms.		
			at Noon								0	,		ш	
			. at Noon	laan @							0				
			vations at Nonometer from		on Ohear	vations ⊕					0			и	
Currer		-					hour or	atting to	tho						
time	on of	tha Ca	ampaga bu	knot		fms. per	nour, se	etting to	uie		0	u		"	
			ompass by			ed at Sunrise					0			и	
			during the p			ı at							217 (gallons	
Water		onden		receding 2		the preceding	24 hou	rs					73		
Water	rema	ining c	on hand fit f	or me at No	_								219	0 "	
			uring the pr								2	tons	1130	lbs.	
Coal r	emain	ing on	n hand at N	oon							124	" 2	2210	ш	
P,M. 1				s	1-2	29.90	51	48	46		ocm		1		
2				ш	u	29.86	52	46	u		om		0		
3				ш	u	и	51	и	u		of		u		
4				44	u	29.84	u	45	u		u		"		
5				ш	2	"	50	ш	44		0	Cum Nimb	"		
6				ш	u	29.80	"	44	u		"	"	u		
7				ш	1-2	и	48	43	42		u	Nimb	u		
8				S by E	2	29.78	"	ш	"		u	"	"		
9				"	1-2	29.74	49	ш	41		bc	44	1		
10				ш	u	"	"	и	u		"	44	7		
11				SSE	"	29.72	48	ш	u		u	"	8		
Mid.				и	2	ш	"	66	и		ee	ш	7		
			onometer fr			vations ⊕					0	•		и	
-		•	onometer O		S]		0	•		"	
			ompass by	Amplitude		0	bserved		set		0	'		и	
Variati	on of	the Co	ompass by				at				U	•		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Fresh breeze with strong squalls from S.W. Slack water at 12.15. Riding across weather flood remainder of watch. Moon rose at 1.15. Bright moonlight. Banked fires under six boilers. Steam pressure 25 lbs. Temp of bunkers 72°.

(Signed) Richard G Davenport Lieut.

From 4 to 8 A.M. First hour of watch clear and pleasant with fresh breeze and strong squalls from S.W. At 5 breeze increased to fresh gale with heavy squalls, the wind gradually hauling from S.W. to W.N.W. At 5 veered to 105 fathoms on port chain to keep clear of "Plymouth" that had dragged down close aboard. Ran in port battery rigged in flying jib boom, and braced yards to the wind. At 5.15 U.S.S. "Wyandotte" dragged by on starboard side and brought up astern. Spread fires under six main boilers, steam up at 5.55. Broke out sheet anchor and transferred it to port bow. At 7.30 U.S.S. Shawmutt" got underway and stood out in bay. At 8 steam pressure 75 lbs. Temp of bunkers 80°. Clear and cold at end of watch.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear, cold, strong squalls from N.W. Fires spread under six boilers. Broke out sheet chain and got sheet anchor over port bow, ready for letting go. "Plymouth" starboard anchor foul of one chain.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and cold, blowing strong from N and W. At 1 "Plymouth" slipped her starboard cable and took a new anchorage, her anchor having been foul of our chain. Ship riding between wind and tide. Turned flood at 1. Barometer rising. At 2.20 hove in to 75 fathoms.

(Signed) J. K. Cogswell Lieut

From 4 to 8 P.M. Clear. Freezing. Rising barometer. Strong wind with heavy puffs from W.N.W. At 5 slack water. At 5.10 commenced distilling. Banked fires under six boilers. Temp of bunkers 70°. Steam pressure 70 lbs. Riding to ebb.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and cold. Strong N.W. wind. Riding to ebb. Average steam pressure 60 lbs. Temp of bunkers 66°. Fires spread under six boilers.

(Signed) J.T. Sullivan

Asa Walker, Lieut.
Navigator.

				WINE	os.		BAROME	ETER.	TI	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	호	E.												E 0)		
A,M.				0144			00.00		40	40			01			
1				SW "	5-7 "		29.69	47 "	42	42		bq "	Ste "	9		
2				и	и		29.65		4	ш		u	u	и		
3 4				ш	5-8		ш	46	44	и		ш	u	u		
				14/014/			00.70	44	44	и		h a a	Cir	•		
5				WSW	7-9		29.76	44	44			bcq	Nimb"	6		
6				W "	u		29.84	38	34	33		ш	Cum "	9		
7					u		29.92	"	32	30			"			
8				WNW NW			30.02	35	39	28		bq		10		
9				by W	и		30.10	33	27	27		и	и	"		
10				"	u		30.14	32	"	ш		ш	"	"		
11				"	ш		30.20	30	25	26		ш	u	и		
Noon				"	"		u	"	"	ш		и	и	u		
Dieteres		ماييط	~ ainaa n=	aaadina Na								ra a ta		athama		
Latitude				eceding No	OH							knots o	'	athoms.	"	
Longitude	•											0		4	"	
			at Noon	Joon (A)								0			ш	
	•			om Foreno	on Obse	rvation	ns ⊕					0			"	
Current of							fms. per h	our oo	tting to	tho						
time	6 41			knot			•	ioui, se	ung to	uie		0		"	"	
				Amplitude			Sunrise					0				
				Azimuth ⊕		a at								047		
	kpend	aea ai	uring the p	receding 2		tho n	rocodina	24 hour						217 (gallons "	
Water	main	sina o	n hand fit f	ior mo at N	-	, iiie p	receding	24 HOUI	5					219	o "	
				or me at No eceding 24								3	tons	1310	lbs.	
			hand at N		Hours							121	"	900	ius.	
Coarren	iaiiiii	ig on	nana at iv	0011								121		300		
P,M.																
1				WNW	8-9		30.24	30	25	23		b	Cum	10		
2				"	"		30.26	29	24	22		44	u	u		
3				"	"		30.28		23	ш		u	u	"		
4				ш	7-8		30.29	"	24	и		"	u	"		
5				ш	6-8		30.30	28	21	и		"	u	"		
6				"	"		30.40	27	20	20		44	44	u		
7				"	"		30.44	26	"	21		u	"	"		
8				44	"		30.46	"	"	ш		44	ш	u		
9				ш	"		30.48	"	23	24		bq	"	u		
10				ш	"		и	27	22	22		"	u	"		
11				ш	u		30.50	ш	19	20		"	и	ш		
Mid.				44	"		u	26	23	ш		**	и	u		
												0			"	
-				om Afterno		rvatio	ns ⊕		_			0				
-				bservations	3]			0				
				Amplitude			ob		at Suns	et		0				
Variation	of th	ne Co	mpass by					at				Ü		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and cold. Moderate breeze from N. and W. Swing to flood at 1 o'clock. Steam pressure 60 lbs. Temp of bunkers 84°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Freezing. Moderate N.W. wind, cir cum clouds. At 7.30 Flagship made general signal 3350. At 7.45 brought to on port chain. Stopped distilling at 6. Steam in six boilers. Slack water at 5.30. Swing to ebb at 6.30. Average steam pressure 62 lbs. Temp of bunkers 70°. At 8 hoisted guard flag.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and cold. Light airs from S and W. At 8.45 Flagship made preparatory signal 6141. Sent up topgallant masts. At 10.15 called all hands up anchor. Hove up port anchor. Foul anchor. Shifted butts. Let go starboard anchor, veered to 45 fathoms. Bearings from anchorage. Old Point Light N.E. 1/4 E. Rip Raps S.E. by E. 1/4 E. At 10 "Plymouth" came in and came to anchor. Engaged in clearing port anchor. Average steam pressure 70 lbs. Temp of bunkers 64°.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and cold. Light S.W. airs. Cleared and got port anchor ready for letting go. Slack water at 1.45. Swung to flood at 2.15. Banked fires. Average steam pressure 50 lbs. Temp of bunkers 60°.

(Signed) J.T. Sullivan Lieut.

From 4 to 8 P.M. Overcast and cloudy during entire watch. Light breeze from E. At 4.30 Flagship made general signal 2985. Ship swung to ebb at 7.20. During latter part of watch wind shifted to S and W.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast with light fall of snow. Cold. Light breeze from S. Riding to ebb during watch. At 8 let go port anchor under foot. Banked fires under six main boilers. Average steam pressure 40 lbs. Temp of bunkers 90°.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut.
Navigator.

				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		S.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry	Air Wet	Water at	the Weather by	Clouds, by symbols.	o. of Clear in 10ths.	of the Sea.	Record of the sail the vessel is
	Knots	Fathoms.				P	inches.		Bulb.	Bulb.	surface.	symbols.	,	Prop. Sky, i		under at end of watch.
A,M.																
1				NNW	4-5	;	30.52	25	16	18		b		10		
2				"	"	;	30.54	23	"	ш		"		"		
3				44	"		30.58	22	"	"		"		"		
4				"	"	,		21	u					"		
5				NW "	3-5 "	,		20	ш	17		bc "	Cir"	0		
6 7				"	2		30.62 30.64	u	17	18		"		3 2		
8				ш	"	,		25	u	"		"	ш	"		
9				"	u	;	30.69	28	23	22		ш	Cum	5		
10				wsw	1	,		32	25	25		"	и	8		
11				u	u	;	30.68	ш	20	20		u	Cir	9		
Noon				SW	u		30.64	и	u	ш		ш	Cum "	"		
•				011		`	50.04									
Distan	ice ru	n by L	og since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	de by	D. R. a	at Noon									0		4	"	
Longit	ude b	y D. R	. at Noon									0		4	44	
			vations at N									0		4	"	
_			onometer fr	om Foreno	on Obser	vations	⊕					0		4	44	
Currer time	it uui	ing the	;	knot	S	fm	ns. per l	nour, se	tting to	the						
			ompass by				unrise					0		64	44	
			ompass by			l at						0				
			during the p	receding 2				041							gallons "	
Water		onden		or mo at N	_	tne pre	ceaing	24 hour	'S					78 255		
		-	on hand fit f uring the pr									3	tons	720	lbs.	
			n hand at N	_	rilouis							117		1420	"	
		J														
P,M.																
1				SW	1	;	30.60	35	39	30		bc	Cir Cum	8		
2				Calm	0	;	30.58	36	38	38		u	u	6		
3				u	u	;	30.56	35	29	29		u	ш	3		
4				E	1	;	30.54	u	ш	28		u	66	1		
5				"	u	4		и	28	30		u	66	и		
6				ш	1-2		30.52	и	31	31		OC	и	0		
7				"	2			u	29	30						
8 9				SSW S	2-3				30			bc	Nimala	1		
10				SW	3 4	,	30.50	36	32 29	32 29		os "	Nimb "	0		
				SW	"		20.40		29 "	29 "		•	ш	u		
11 Mid				by W	2		30.49	35	ш	ш		0	ш	u		
Mid.					3	,	30.46									
Lonait	ude h	y Chro	onometer fr	om Afterno	on Obser	vations	⊕					0		4	ш	
_			onometer O				_		1			0			ш	
			ompass by				ob	served	at Suns			0		•	и	
			ompass by					at				0		•	u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cold. Light S.W. breeze. At 2.45 swung to starboard to flood. Clear hawse. Fires banked. Average steam pressure 40 lbs. Temp of bunkers 80°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Cloudy and cool. Light breeze from S and W. Hove up starboard anchor. Flagship signaled 3350 at 7.30. Swung to ebb at 7.30 Hauled down guard flag at 8.

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. Clear, cold. Light S.W. wind. At 8.45 cleared and bent chain and fished starboard anchor. At 9 veered to 60 fathoms, forward port bit, on port chain. At 9.15 Flagship made general signal 2995. Answered numeral 36. At 9.35 made general signal 3005. At 9.45 made numeral 3-210. Engaged in cleaning ship. Banked fires under six boilers. Average steam pressure 40 lbs. Temp of bunkers 91°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast, cool. Raining. Riding to ebb. Slack water at 1.35. At 2.10 swung to flood. Average steam pressure 38 lbs. Temp of bunkers 89°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Overcast and raining. Light E[aster]ly airs. Riding to ebb. Average steam pressure 25 lbs. Temp of bunkers 82°. Fires banked. Distilling. Slack water at 7.55.

(Signed) J. T. Sullivan

Lieut.

From 8 to Midnight. Overcast. Cold. Pleasant. Calm. Foggy. At 8.30 swung to ebb tide. Cum nimb clouds. Banked fires under six boilers. Distilling. Steam pressure 30 lbs. Temp of bunkers 82°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

				WINE	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		ø	Courses steered.	Direction.	Force.	way.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	o. of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
	¥	ш														
A,M.				0014/	0.0		00.44	00	00	00			N.CI-			
1 2				SSW "	2-3		30.44 30.42	36 34	29 31	29 31		os "	Nimb "			
				u						٥۱ "			Cum			
3					3		30.40	36	32			fc	Nimb			
4				ш	2-3		30.38	37	34	33		и	и	1		
5				"	"		30.36	38	33	32		и	и	5		
6				44	"		и	37	32	31		44	и	3		
7				ш	"		u					ш	и	2		
8				"	3		30.38	36	"				u	0		
9				SW "			30.32	38	34	34			u	1		
10					2		30.29	40	37	37			Cir			
11				"	и		30.27	41	38	38		и	Cum	"		
Noon				44	1		30.25	43	39	39		0	Cum Nimb	0		
Distan	ce rur	n by Lo	og since pre	ceding No	on						k	nots	fa	thoms.		
Latitud	le by I	D. R. a	at Noon									0		4	"	
Longit	ude by	y D. R	. at Noon									0		4	"	
Latitud	le by (Obser	vations at N	oon ⊕								0		4	u	
-			nometer fro	m Foreno	on Obser	vation	s ⊕					0		4	"	
Currer time	nt duri	ng the		knot	s	f	ms. per l	hour, se	tting to	the						
	on of	the Co	ompass by	Amplitude	⊕ observ	ed at S	Sunrise					0		4	"	
Variati	on of	the Co	ompass by A	Azimuth ⊕	observed	d at						0		4	"	
Water	exper	nded c	luring the pi	receding 2	4 hours									217	gallons	
Water					during	the pr	eceding	24 hour	s						"	
Water	remai	ining c	on hand fit fo	or me at No	oon									219	0 "	
Coal c	onsur	ned di	uring the pre	eceding 24	hours							3	tons	100	lbs.	
Coal re	emain	ing or	hand at No	oon								114	u	1320	"	
P,M.																
1				SSW	1		30.24	44	40	40		0	Cum Nimb	0		
2				S	"		30.20	45	"	"		or	"	"		
3				44	u		30.19	46	41	"		ш	Nimb	"		
4				44	"		30.14	ш	"	41		"	**	u		
5				Calm	0		u	47	"	40		"	u	"		
6				u	u		u	u	"	"		"	"	"		
7				E	1		30.12	u	"	41		"	"	"		
8				Calm	0		30.10	u	40	40		u	ш	"		
9				44	u		30.06	"	41	41		om	"	"		
10				44	"		"	"	"	"		of	ш	"		
11				u	"		"	46	40	40		u	и	u		
Mid.				и	44		и	"	и	ш		"	и	и		
		٥.		4.5	٥.							0			u	
•		•	nometer fro			vation	ıs ⊕		_			0	,			
-			onometer Ol		5				at Cuma			0				
			ompass by /	Arnplitude			ob	served	at Suns	et		0				
variati	OU OL	ine Co	ompass by					at							-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Calm, cool, foggy. Riding to ebb. Slack water at 1.30. Ship swung to flood at 2.10. Fog lifted at 3. Average steam pressure 30 lbs. Temp of bunkers 90°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Foggy first hour of watch, remainder of watch cloudy and cold with light S. breeze. Fires banked. Average steam pressure 24 lbs. Temp of bunkers 84°. Distilling watch. At 7.30 Flagship made general signal 3350.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and cloudy during first part of watch. Afterwards clear and pleasant. Light airs from W. At 9.30 inspected at quarters. Exercised 1st Division at small arms, 2nd Division at single sticks. Powder Div at infantry. At 9.35 Flagship made general signal 1813, and at 10, 5455. At 10.15 loosed sail to dry. 2nd section of boys received instruction in Seamanship, Gunnery and Signals. Boats crews engaged in scraping blocks and cleaning boats. Swung to ebb at 8.45.

(Signed) J.K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cold. Damp. Light variable breeze. Cir cum clouds. At 1.30 had company drill. At 2.30 Flagship made general signal 3108. Exercised with commercial code of signals. At 3.30 Flagship made general signal 4826. Furl sail. At 3.25 Flagship made general signal 4880. At 3.30 Flagship made general signal 2984. Slack water at 2.25. Swung to flood at 3.30. Steam in six boiler. Temp of bunkers 82°. Average steam pressure 25 lbs.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant. Calm. Riding to flood. At 4.35 Flagship made general signal 2985. Average steam pressure 25 lbs. Temp of bunkers 82°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear. Cool. Pleasant. High water at 8.30. Light airs from S and W. Steam 28 lbs. Temp of bunkers 66°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

Hour. Courses steered. Direction. Force. See steered. Direction. See steered. Direct
A,M. 1
1 Calm 0 30.04 46 39 39 fr Cum 0 2 " " 30.03 " 40 40 " " " " 3 " " 30.02 45 41 " " " " " 4 " " " " 41 of " " " 5 WSW 2 29.28 " " " " " " " " " 6 " " " 1-2 " 42 37 37 bc " " "
3 " " 30.03 45 41 " " " " " " 41 41 of " " " " " " " " " " " " " " " " " "
5
5 WSW 2 29.28 " " " " " " " " " " " " " " " " " " "
6 " " 43 39 39 " " " " 7 " 1-2 " 42 37 37 bc " "
7 " 1-2 " 42 37 37 bc " "
1 1-2 42 51 51 00
a.
8 W " 30.00 43 38 38 " Cir "
9 " " " " " " 5
10 " " 30.05 " 40 40 " " 6
11 " " 44 42 41 " " 6
Noon " 1 30.02 48 45 40 " " 10
Distance run by Log since preceding Noon knots fathoms.
Latitude by D. R. at Noon
Longitude by D. R. at Noon
Latitude by Observations at Noon ⊕ ° "
Longitude by Chronometer from Forenoon Observations ⊕ ° "
Current during the knots fms. per hour, setting to the
Variation of the Compass by Amplitude ⊕ observed at Sunrise [°] " "
Variation of the Compass by Azimuth ⊕ observed at " " "
Water expended during the preceding 24 hours 217 gallons
Water condensed during the preceding 24 hours 730 "
Water remaining on hand fit for me at Noon 2555 "
Coal consumed during the preceding 24 hours 2 tons 580 lbs.
Coal remaining on hand at Noon 112 " 740 "
P,M.
1 NNW 3 30.02 52 48 49 bc Cir 10
cum
2 " " 30.04 53 49 50 " " " " 30.04 53 49 50 " " " 1
Girls Grand
4 ESE I 30.10 49 42 Nimb o
5 Calm 0 30.15 48 " 42 " Cir Str 9
6 SE 1 30.10 47 " 41 " " " " " " " " " " " " " " " " "
7 Calli 0 30.16 46
0 30.24 42
9
10 S 1 " 45 40 40 " " " " " " " " " " " " " " " " "
11 3W 2 44 39 39
Mid. " " 30.25 43 " " " " " "
Longitude by Chronometer from Afternoon Observations ⊕ ° "
Longitude by Chronometer Observations] " "
Variation of the Compass by Amplitude observed at Sunset " "
Variation of the Compass by at "

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cold. Light S.S.W. breeze. Bright starlight. Slack water at 3. Swung to flood at 3.50. Banked fires under six boilers. Distilling. Average steam pressure 25 lbs. Temp of bunkers 68°.

(Signed) Richard G. Davenport

From 4 to 8 A.M. Clear, cool. Light S breeze. Riding to flood. Average steam pressure 20 lbs. Temp of bunkers 80°.

> (Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear and pleasant. Light S.W. breeze. Slack water at 8.30. Swung to ebb at 8.50. At 11 Flagship made signal 1087. Average steam pressure 25 lbs. Bunker temp 70°.

> (Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and pleasant, light breeze from S and W. Slack water at 3.30. Richard Jones (Lds) released from confinement. At 1.30 received following telegraphic signals from Flagship, 9279. 7088. 6180. 629. 6199. 6839. 22. 0935. 1267. 9219. 4204. 154. Crew engaged in scraping gaffe and blocks. Received a draft of four men (Coal Heavers) from U.S.S. Montauk who were sent to that vessel for temporary duty, Viz. James Murry, James Hughes, John Pratt and Michael Leary.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear, cool, pleasant, light S.S.W. breeze. Slack water at 4.00. Swung to flood at 5.30. Started distiller at 5.20. Banked fires under six boilers. Distilling. Average steam pressure 30 lbs. Temp of bunkers 80°.

> (Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear, cool and pleasant, light S.S.W. breeze. Swung to ebb at 9. Banked fires. Distilling. Average steam pressure 30 lbs. Temp of bunkers 66°.

> (Signed) J. T. Sullivan Lieut.

> > Asa Walker, Lieut. Navigator.

				WIN	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	ž.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	of Clea	of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots	Fat					moneo.		Buib.	Dale.	oundoc.	ayiibola.		Prop.		
A,M.																
1				Calm	0		30.20	44	40	40		b	Str	10		
2				SSW	2		ш	ш	39	39		44	u	u		
3				44	ш		и	43	38	и		66	и	u		
4				"	ш		и	ш	и	38		и	и	и		
5				S "	u		30.28	42	ш	ш		44	и	и		
6				" S by												
7				E	"		30.30	и	39	39		44	и	и		
8				S	u		ш	43	40	ш		fc	u	10		
9				SW	3		и	42	42	40		66	и	u		
10				SSW	"		и	44	44	42		и	и	и		
11				"	3-4		30.26	48	48	44		и	и	и		
Noon				SW by S	и		30.22	50	50	48		и	и	и		
			og since pre	eceding No	on						k	nots	1	fathoms.		
			at Noon									0		•	u	
			. at Noon									0		•		
			vations at N									0			u	
Longiti		-	onometer fro	om Foreno	on Obser	vations	s ⊕					Ü		•		
time		-		knot			ms. per l	nour, se	tting to	the						
			ompass by				Sunrise					0		ш	44	
Variati	ion of	the Co	ompass by	Azimuth ⊕	observed	d at						0		"	"	
		nded c	during the p	receding 2	4 hours									218 (gallons	
Water					_	the pre	eceding	24 hour	rs						"	
		-	on hand fit f											237		
			uring the pr		hours							2	tons "	360	lbs.	
Coal re	emaın	ing or	hand at No	oon								110		380		
P,M.																
				SW	2.4		20.40	E /	E2	52		h	Ctr	10		
1				by S "	3-4		30.48	54 "	53			b "	Str "	"		
2				ш					55 "	54		u	и	u		
3 4				SSW	3 2		30.14	57 59	и	50		и	и	u		
5				55W "	2 1-2		30.11	60	53	5U "		и	и	u		
6				"	"		"	58	51	52		ш	u	"		
7				S	и		30.11	56	"	51		ш	и	u		
8				"	2		30.12	54	52	52		ш	u	"		
9				SSW			30.14	٥.	51	51		bc	u	u		
10				"	3			53	50	50		"	и	u		
11				u	"		ш	54	48	48		u	и	ш		
Mid.				"	u		и	53	46	46		ш	и	u		
Longit	ude b	y Chro	onometer fro	om Afterno	on Obsei	vations	s ⊕					0		•	и	
Longit	ude b	y Chro	onometer O	bservation	s]			0		•	и	
Variati	ion of	the Co	ompass by	Amplitude			ob	served	at Suns	et		0		4	u	
Variati	ion of	the Co	ompass by					at				0			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from S and W. Riding to ebb. Steam pressure 25 lbs. Temp of bunkers 85°. Slack water at 4 A.M.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Light S[outher]ly breeze. Swung to flood at 7.30. At 7.30 Flagship made general signal 3350. At 8 hoisted guard flag. Banked fires under six boilers. Distilling. Steam pressure 25 lbs. Temp of bunkers 84°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Light S.W. breeze. At 9.30 inspected at quarters, exercised afterwards at torpedo drill. Expended one exercise torpedo. Slack water at 9.35. Swung to ebb at 10. Average steam pressure 27 lbs. Temp of bunkers 68°. Distilling until 10.30. (Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Light S.W. breeze. Threw overboard 18 lbs of bread dust condemned by Board of survey. Swung to flood at 2.30. Average steam pressure 25 lbs. Temp of bunkers 68°. Banked firs. Distilling.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear and pleasant during first part, afterwards overcast and cloudy. Slack water at 5.15. Swung to ebb at 6. Light breeze from S and W. Average steam pressure 20 lbs. Temp of bunkers 70°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast during first part, with light fall of rain. Riding to ebb. Slack water at 9.15. Swung to ebb. Clear and pleasant during latter part. Average steam pressure 30 lbs. Temp of bunkers 88°.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥	ш														
1				SSW	3		30.14	51	47	47		bc	Cir	6		
2				u	2		"	50	"	46		u	Cum "	3		
3				u	0-1		30.12	49	"	"		b	ш	10		
4				ш	"		"	"	45	44		"	"	"		
5				S	u		30.14	48	"	45		66	ш	u		
6				u	1-2		u	47	"	48		bc	"	8		
7				44	2		30.16	44	44	45		66	ш	u		
8				u	"		"	48	47	47		"	"	"		
9				SW	u		30.18	50	48	49		66	ш	u		
10				"	"		"	52	"	"		"	u	7		
11				u	и		30.17	54	49	ш		"	ш	6		
Noon				и	1-2		30.18	55	52	52		ш	и	7		
Distan	ice ru	n by L	og since pr	eceding No	on						k	nots	fa	thoms.		
			at Noon									0			u	
Longit	ude b	y D. R	t. at Noon									0			"	
Latitud	de by	Obser	vations at N	Noon ⊕								0			"	
Longit	ude b	y Chro	onometer fr	om Foreno	on Obser	vatior	ns ⊕					0	•		ш	
Currer time	nt dur	ing the	•	knot	s		fms. per	hour, se	etting to	the						
	ion of	the C	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0	и		u	
Variat	ion of	the C	ompass by	Azimuth ⊕	observed	d at						0	ш		u	
Water	expe	nded o	during the p	receding 2	4 hours									218 g	gallons	
Water	C	onder	sed		during	the p	receding	24 hou	rs					55	0 "	
Water	rema	aining o	on hand fit f	or me at N	oon									219	0 "	
Coal	consu	med d	uring the pr	eceding 24	hours							2	tons	360	lbs.	
Coal r	emair	ning or	n hand at N	oon								108	" 2	20	и	
P,M.																
1				SSW	1-2		30.10	58	55	55		bc	Cir Cum	7		
2				44	u		30.06	60	57	57		ш	"	u		
3				"	2		30.02	"	53	54		**	ш	u		
4				44	1		u	59	44	u		"	u	5		
5				u	2		30.04	"	52	53		"	"	4		
6				44	u		30.08	58	53	50		"	"	6		
7				"	"		30.06	56	50	"		"	"	2		
8				u	и		и	44	44	52		"	ш	1		
9				44	2-3		30.08	54	52	50		ш	Cir Nimb	2		
10				S	1-2		30.07	"	51	48		"	"	7		
11				SSW	3		30.06	55	48	u		b	ш	10		
Mid.				ш	2-3		u	52	46	"		bc	Cum	8		
Longit	ude h	ov Chr	onometer fr	om Afterno	on Ohea	vation	ns ⊕					0			"	
•		•	onometer O			valiUl	1 3 ⊕		1	ı		0			u	
			ompass by		•		O.F	served	at Suns	•		0			ш	
			ompass by	р			J.	at	a. Julio			0			ш	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Pleasant. Light N[orther]ly breeze. Slack water at 1.30. Banked fires. Average steam pressure 25 lbs. Temp of bunkers 90°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Overcast and cloudy. Fresh breeze from N and W. Flagship signaled 3550 at 7.30. Ship swung to the flood at 4 am. Steam pressure 20 lbs. Temp of bunkers 66°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear. Cool. Pleasant. Light W[ester]ly breeze. At 9.30 general quarters. Exercised Fire Quarters at 10.15.

Providing	Securing	Providing		Securing		
1 st Div. 5m 11s	1 st Div. 9m 1	5s 1 st Div 2m	35s	1 st Div.	5m	45s
2 nd " 4 10	2 nd " 3 45	5 2 nd " 1	03	2 nd "	1	20
P.D. 4 10	P.D. 6 30	0 P.D. 3	30	P.D.	2	23
Eng Div. 1 30	Masters 4 4	5 Eng Div. 2	30	Eng Div	4	50
Masters 6 30	Surgeons	Masters 2	00	Masters	1	45
Surgeons 4 15	Eng Div. 5 -	Marine 1	00			
Marine 1 00						

Slack water at 11. Instructed Apprentice Boys 3rd section. Banked fires under six boilers. At 10 made universal 7. Average steam pressure 24 lbs. Temp of bunkers 87°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and cool. Light N.E. breeze. During first part riding across windward ebb. At 2 swung to ebb. Slack water at 3.45. Average steam pressure 25 lbs. Temp of bunkers 88°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear, cool and pleasant. Light S.E. breeze. Swung to flood at 5.10. Commenced distilling at 5.30. Banked fires. Average steam pressure 22 lbs. Temp of bunker 85°.

(Signed) J. T. Sullivan

From 8 to Midnight. Clear. Cold. Moderate. S.S.W. breeze. Bright starlight. Slack water at 10. Swung to ebb at 11. Banked fires under six boilers. Distilling. Temp of bunkers 85°. Average steam pressure 28 lbs.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

	WINDS	S.	BAROME	ETER.	Т	EMPERATI	URE.	State of	Forms of		State	
Hour. Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.												
	SSW	1-2	30.06	51	47	47		bc	Nimb	3		
	"	2-3	"	50	49	50		"	"	"		
	SW	1-2	u	"	"	49		0	44	"		
	W	"	30.08	"	48	48		"	"	0		
	WNW	2-3	"	52	49	51		ос	Cum	"		
	"					J1 "		"	Nimb "	"		
0	"	2	30.12	51	48	u				"		
7		"	30.18	50		ш				"		
8	"		30.21	51 "	50							
9		3	30.25		48	48		bc		1		
	NW "		30.29	50 "	46	47			Str "	4		
11					44	45				8		
	N by w	ee	и	и	43	43		es	и	9		
Distance run by Log since prece	eding Noc	n					k	nots		thoms.		
Latitude by D. R. at Noon								0			и	
Longitude by D. R. at Noon								0	•		и	
Latitude by Observations at Noc								0	•		и	
Longitude by Chronometer from	Forenoo	n Observ	ations					0	•		и	
Current during the time	knots		fms. per h	nour, se	tting to	the						
Variation of the Compass by Am	nplitude 🕀	observe	d at Sunrise					0	66		ш	
Variation of the Compass by Azi	imuth ⊕ c	bserved	at					0	66		и	
Water expended during the pred	eding 24	hours								218 (gallons	
Water		during t	he preceding	24 hou	s						"	
Water remaining on hand fit for	me at No	on								255	5 "	
Coal consumed during the prece	eding 24 l	hours						2	tons	1230	lbs.	
Coal remaining on hand at Noor	1							105	" 1	1030	ш	
P,M.	NE								Cir			
	NE by N	3	30.29	49	47	48		bc	Cir Cum			
2	u	"	30.28	48	"	47		"	"			
3	NE	ш	30.29	"	44	44		"	"			
	E by N	u	u	53	46	46		"	"			
	E by	u	30.26	51	43	43		u	44			
6	S ESE	и	u	48	41	42		u	"			
	SSW	u	u	47	40	41		"	"			
	u	u	30.27	46	"	40		"	"			
9	и	u	30.26	45	39	"		"	"			
10	u	4	"	44	38	39		u	"			
11	u	3	30.24	43	u	и		u	"			
	ш	u	u	42	u	ш		ш	ш			
Longitude by Chronometer from	Afternoo	n Observ	vations ⊕					0	,		и	
Longitude by Chronometer Obse]			0	,		"	
Variation of the Compass by Am			ob	served	at Suns			0			"	
Variation of the Compass by				at				0	,		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cold. Moderate S.W. breeze. Riding to ebb. Average steam pressure 30 lbs. Temp of bunkers 80°. Distilling.

> (Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and cool. Fresh S.W[ester]ly wind. Swung to flood at 7.45. At 7.30 Flagship made general signal 3350. Average steam pressure 31 lbs. Temp of bunkers 85°. Distilling water.

> (Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear and pleasant. Fresh breeze from S and W. High water at 10.30. Steam pressure 30 lbs. Temp of bunkers 80°.

> (Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from N and W. Riding to ebb. Midshipman Henderson ordered to "Pinta", temporary duty. Threw overboard 72 lbs condemned butter, scrapings and leavings. Received onboard Surgeons stores Viz. Chlorinated lime 80 lbs. Sulphate of iron 25 lbs. Carbolic Acid 5 lbs. Sulphur 1 lbs. Nitric Acid 1/2 lbs. Ledger Disinfecting fluid 1 gt. By order of Comdg Officer the following punishments were inflicted:

John Hallisey (2.C.B.) solitary confinement on bread and water two days.

Samuel Griffin (B) Toe a seam two hours from hammocks.

Fred Wolfinger (B) " " " John Pettit (O.S. 2nd C) " "

John Hashagan (O.S.2nd C) Two nights weather extra anchor watch.

Geo. W. Ham (B) Two days extra duty.

J. P. Marker (B) Seven "

Herman Meyer (B) Four "

John Millmore (B) Toe a seam two hours after hammocks.

John P. Marker (B) " " one

Flint (P.M) Extra post, watch and watch, 8 A.M. to 8 P.M. 17th inst.

Thos Murphy (O.L. 2nd C) Stand one anchor watch every alternate night for one week.

Average steam pressure 35 lbs. Temp of bunkers 88°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and cool, fresh N.E[aster]ly breeze. Slack water 4.30. Swung to flood at 5 o'clock. Average steam pressure 25 lbs. Temp of bunkers 80°.

(Signed) Wainwright Kellogg, Lieut.

From 8 to Midnight. Clear and cold. Wind from N and E, blowing in occasional squalls. Tide turned to ebb at 11.45.

(Signed) J. K. Cogswell, Lieut.

Asa Walker, Lieut. Navigator.

				WINE	os.		BAROME	ETER.	Т	EMPERAT	URE.	01-1	F		04-4-	
Hour.			Courses steered.	Direction.	Force.	έ He	eight	Ther.	Air	Air	Water	State of the Weather	Forms of Clouds, by	o. of Clear in 10ths.	State of the	Record of the sail the vessel is
	Knots.	Fathoms.				§	in ches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. of Sky, in	Sea.	under at end of watch.
	조	ii.												ш. 07		
A,M.																
1				SW SW	2-3		.24	43	38	38			None	10		
2				by S	ш	u		"	37	ш			"	"		
3				44	"	"		42	"	37			66	ш		
4				"	3-4	30	.20	"	38	38			"	"		
5				"	"	30	.08	43	39	40			"	9		
6				44	"	30	.10	"	40	"			Cum	ш		
7				44	4	30	.12	45	41	41			66	ш		
8				44	"	30	.14	44	"	"			66	ш		
9				WSW	"	"		47	44	44			"	10		
10				W	3-4	30	.16	49	47	"		"	"	u		
11				W by N	3	30	.18	50	49	46		"	"	ш		
Noon				"	u	u		52	"	48		44	"	"		
Distan	ce rur	n by L	og since pre	ceding No	on						k	nots	fa	athoms.		
Latitud	le by	D. R. a	at Noon									0			"	
Longiti	ude b	y D. R	. at Noon									0			"	
Latitud	le by	Obser	vations at N	oon ⊕								0			"	
Longit	ude b	y Chro	nometer fro	m Foreno	on Obser	vations ⊕)					0			ш	
Currer	nt duri	ng the	:	knot	s	fms.	. per h	nour. se	tting to	the						
time Variati	on of	the Co	ompass by A						Ü			0		ш	"	
			ompass by /									0		ш	"	
			luring the pi			· ui								218 (gallons	
Water		onden		5554g <u>2</u>		the prece	edina	24 hour	s					73		
			on hand fit fo	or me at No	_				_					219		
			uring the pre									2	tons	1560	lbs.	
			hand at No									102		1710	u	
P,M.																
1				WNW	3	30	.20	53	48				None	10		
2				44	2-3		.22	54	47				44	"		
3				44	2	30	.24	58	48				"	"		
4				u	2-3	30	.25	58	48				"	ш		
5				NNE	3	30	.29	55	"				"	ш		
6				NE	4	30	.34	48	42				"	"		
7				by N NE	4-6		.42	44	38				"	"		
8				"	4		.49	42	35				"	"		
9				N	4-5		.52	36	33				ш	ш		
				NE	" "			"					u	"		
10				by E		30	.55	44	28					**		
11																
Mid.						u										
		61		A &	0'							0			"	
_			nometer fro			vations ⊕)		_			0				
			nometer Ol		5]			0				
			ompass by /	Arnplitude			do		at Suns	et		0		,		
variati	un of	ine Co	ompass by					at				-			-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Freezing. Fresh N[orther]ly breeze. Bright starlight. Swung to ebb at 12.45. Banked fires under six boilers. Distilling. Average steam pressure 25 lbs. Temp of bunkers 66°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear. Freezing. Fresh breeze from N.E. by N. Slack water at 5. Swung to flood at 6. Banked fires under six main boilers. Steam pressure 25 lbs. Temp of bunkers 80°. At 8 hoisted guard flag. At 7.30 Flagship made general signal 3350.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Overcast. Cold. Light N.E. breeze. Slack water at 11.30. At 9.45 Comdg Officer inspected at quarters. At 10 held divine service. Average steam pressure 25 lbs. Temp of bunkers 82°. Banked fires. Placed John V. Harion (2 CB) and John Hashagan (O.S. 2nd C) in double irons, full ration, for neglect of duty while on fog watch.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast and cloudy. Light wind from N and E. High water at 12.30. Sent visiting party to "Hartford", five of whom fell overboard while getting into boat from "Hartford's" boom, life line parted.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast and cold. Light N.E. breeze. At 4.30 Flagship made general signal 2985. At 4.30 commenced distilling. Slack water at 6. Swung to flood at 7.15. Banked fires. Average steam pressure 25 lbs. Temp of bunkers 84°.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Cloudy and cold. Light N.E[aster]ly airs. Fires banked under six boilers. Average steam pressure 20 lbs. Temp of bunkers 85°. Distilling water. Riding to flood tide.

(Signed) J. T. Sullivan

Lieut.

Asa Walker, Lieut.
Navigator.

			WINI	DS.		BAROME	ETER.	TI	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots. Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	Σ ΙΙ														
1 1			NNW	2-5		30.58	35	30	30		b	Cir	10		
			N by	<u></u>							"	Cum "	"		
2			W N by			30.60	34	29	29						
3			E	"		30.62	44	28	28		ш	ш	u		
4			NE NE	5		30.65	44	и	ш		ш	и	9		
5			by N	4-5		30.68	32	26	26		bc	и	"		
6			44	u		30.75	28	25	25		ОС	и	"		
7				u		30.80	"	24	25		"	и	"		
8			u	3-4		"	30	"				u			
9			"			"	32	27	27		bc "		7		
10 11			NE	ш		30.78	34	29	28 29		и	ш	3 1		
Noon			NE	и			ш	20				"	"		
-			by E			30.78		30	30		ОС				
Distance	run by Lo	og since pr	eceding No	on						k	nots	fa	thoms.		
Latitude b		-	Ü								0		4	и	
Longitude	e by D. R.	at Noon									0		4	и	
Latitude b	by Observ	ations at N	Noon ⊕								0		4	"	
-			om Foreno	on Obse	rvatio	ns ⊕					0		4	"	
Current d time	luring the		knot	s		fms. per h	nour, se	tting to t	he						
	of the Co	mpass by	Amplitude	⊕ obsen	ed at	Sunrise					0		"	"	
Variation	of the Co	mpass by	Azimuth ⊕	observe	d at						0			"	
Water exp	pended d	uring the p	receding 2	4 hours									218 g	allons	
Water					the p	receding	24 hour	s						и	
			or me at N										2190		
		-	eceding 24	hours							2 100	tons "	1650 60	lbs.	
Coarrenia	allilly on	hand at N	0011								100	,	00		
P,M.															
1			ENE	1-2		30.76	35	33	32		ос	Cir Cum	0		
2			NE	u		30.74	39	35	33		44	"	"		
3			ENE	"		30.70	40	40	36		u	ш	"		
4			N by E	и		u	44	37	34		Вс	и	u		
5			NE	2		30.69	43		u		0	Cum	"		
6			"	3		30.66	"	35	"		44	Nimb"	"		
7			NE_	2-3		u	42	"	"		44	ш	"		
8			by E	2		30.61	"	44	35		"	"	"		
9			NNE			30.62	"	44	"		"	u	"		
10			44	ш		30.60	44	36	u		bc	и	ш		
11			ш	"		30.58	"	"	36		u	ш	"		
Mid.			и	"		30.56	"	37	"		ш	ш	"		
•	•		om Afterno		rvatio	ns ⊕					0		4	"	
-	•		bservation	S]			0			ш	
			Amplitude			ob		at Suns	et		0			u	
variation	of the Co	mpass by					at				•		-	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cold. Gentle breeze from N. and W. High water at 12.45. Steam pressure 20 lbs. Temp of bunkers 80°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast. Cold. Disagreeable. Light N.W. breeze. At 5 a dense fog set in, commenced ringing fog bell. Slack water at 5.30. Swung to flood at 6.30. Steam in six boilers. Average steam pressure 22 lbs. Temp of bunkers 84°. Distilling. Hauled down guard flag at 8.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast and foggy, with occasional showers of rain, light airs from N and W during first part. Shifting to S and W afterwards. Pumped ship out during watch. 4th and 5th section of boys received instructions in seamanship, gunnery and signals. Ship riding to the flood. Average steam pressure 25 lbs. Temp of bunkers 82°. Distilling in operation.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Overcast and foggy during first part. Riding to flood. Slack water at 12.30. Swung to ebb at 1.40. At 2.30 fog lifted. John Hallisey (2 CB0 and J. V. Marion (2 CB) and John Hashagan (O.L. 2nd C) were released from confinement. Average steam pressure 25 lbs. Temp of bunkers 82°. Stopped distilling at 3.20. Raining during latter part of watch.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast, rainy, snowy, cold. Fresh N.W. breeze. Low water at 6.30. Swung to flood at 7.30.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear and freezing. Fresh breeze with heavy squalls from N.N.W. At 8 let go starboard anchor and veered to 75 fathoms on port chain. Riding to flood during watch. Banked fires under six main boilers. Steam pressure 22 lbs. Temp of bunkers 85°.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.	BAR	OMETER.	-	TEMPERAT	URE.	State of	Forms of		State	
Hour.		ø	Courses steered.	Direction.	Force.	k Height	Ther.	Air	Air	Water	the Weather	Clouds, by	o. of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Height in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
	¥	ш													
A,M.				NNW	0-1	20.46		27	24		our	Nimb	0		
1 2				"	U- I "	30.48 30.46		37 36	34		our "	"	0		
3				и	u	30.42		"	ш		ш	"	u		
4				44	"	"		"	"		66	"	"		
5				NW	1	"	u	44	35		66	и	"		
6				ш	"	30.39	40	35	"		of	"	"		
7				ш	2	30.36		ш	ш		64	ш	u		
8				и	"	30.33	38	"	"		ш	"	"		
9				и	0-1	30.36	39	ш	36		и	u	"		
10				S	1	30.26	40	30	38		44	"	u		
11				ш	0	30.19	42	38	39		ofr	ш	"		
Noon				S by	0-1	30.18	43	40	"		Of	u	"		
•				N											
Distan	ice rur	n by Lo	og since pre	eceding No	on					K	inots	fa	athoms.		
Latitud	de by I	D. R. a	at Noon								0		4	u	
Longit	ude b	y D. R	. at Noon								0		4	u	
Latitud	de by	Obser	vations at N	loon ⊕							0		4	"	
-			nometer fro	om Foreno	on Obser	vations ⊕					0		•	ш	
Currer time	nt duri	ng the		knot	s	fms. pe	er hour, s	etting to	the						
	ion of	the Co	mpass by	Amplitude	⊕ observe	ed at Sunris	Э				0		ш	"	
Variati	ion of	the Co	mpass by	Azimuth ⊕	observed	at					0		ш	u	
Water	exper	nded c	luring the p	receding 2	4 hours								218 (gallons	
Water	C	onden	sed		during	the precedir	ng 24 ho	urs					73	0 "	
Water	remai	ining c	n hand fit f	or me at No	oon								255	5 "	
Coal	onsur	ned di	uring the pr	eceding 24	hours						2	tons	140	lbs.	
Coal r	emain	ing or	hand at No	oon							87	и	2160	"	
D.1.1															
P,M.				10/	1	30.09	. 10	40	20		of	Nimb	0		
1 2				W "	1 1-2	30.06		40 39	38		of ofr	Nimb "	0		
				W by	"	"	. 44		"			u	"		
3				N "				4	и		or	_	"		
4				"	2-3	30.03	,				0				
5				 NW		30.10	'				ors	-			
6				by N	и	30.12	. "	38	"		osg	и	"		
7				44	4	30.31	u	35	30		bcq	"	"		
8				NNW	4-6	30.31	40	33	33		и	Cir Cum	9		
9				ш	3-7	30.32	42	30	20		и	"	ш		
10				es	"	30.35	38	26	26		ш	ш	"		
11				es	ш	30.36	35	25	25		и	и	"		
Mid.				ш	"	30.40	30	24	24		ш	ш	u		
_			nometer fro			vations ⊕					0		•	"	
			nometer O		S]		0		•	и	
			ompass by	Amplitude				d at Sun	set		0		4	и	
Variati	ion of	the Co	ompass by				a	t			0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cold. Light N.W[ester]ly airs. Swung to starboard, to ebb at 1.30. Clear hawse. Fires banked. Average steam pressure 20 lbs. Temp of bunkers 72°.

(Signed) J.T. Sullivan

Lieut.

From 4 to 8 A.M. Clear and cold. Light breeze from W. hauling to S. Low water at 7. Hove up starboard anchor and hove in on port chain to 60 fathoms. Received fresh provisions for crew. Hoisted guard flag at 8. Steam pressure 20 lbs. Temp of bunker 74°. Geo W. Ham (2.CA) ran from boat while ashore on duty. At 7.30 Flagship made general sign at 3350.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and freezing. Fresh S.S.W. breeze. Riding across tide until 9 when swung to flood. At 9.30 mustered at quarters. At 9.50 Flagship made general signal 1087.

Average steam pressure 25 lbs. Temp of bunkers 85°. Slack water at 11. Swung to ebb at 12.

(Signed) Richard G. Davenport

Lieut.

From Merid. to 4 P.M. Clear and cold. Fresh S.W. breeze. At 3 "Plymouth" went alongside "Montauk". Afterwards cast off and anchored. Average steam pressure 21 lbs. Temp of bunkers 80°. Riding to ebb. Banked fires.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Clear and cool, light breeze from S and W. Dingey in hauling out lost rudder and boat hook. Flagship made general signal 2985, afterwards 2984. Slack water at 6.30. Average steam pressure 22 lbs. Temp of bunkers 88°. Distilling.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Clear. Cold. Pleasant. Light W[ester]ly breeze. Bright starlight. Moon sat at 8.20. Riding across tide until 10 when swing to flood. Banked fires under six boilers. Distilling. Average steam pressure 25 lbs. Tempo of bunkers 85°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	조	Fa												<u>r</u> 0		
A,M.																
1				NW "	3		30.49	29	25	26		b "		10		
2				ш	2		30.46 30.42	"	26	27		ш		u		
4				44	<u>د</u> "		30.42	"	"	"		"		u		
5				NNW	u		30.44	28	ш	22		"		u		
6				SW	u		30.48	"	24	"		ш		u		
7				"	u		"	"		u		"		u		
8				SSW	"		30.50	"	"	"		ш		"		
9				"	4		u	33	29	28		**		u		
10				44	u		u	34	28	"		u		u		
11				SW	"		"	35	30	29		ш		"		
Noon				by S	u		30.49	37	32	30		ш		u		
							00.10	0.	02	00						
Distan	ice rui	n by Lo	og since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	de by	D. R. a	at Noon									0	•		"	
Longit	ude b	y D. R	. at Noon									0	•		"	
Latitud	de by	Obser	vations at N	loon ⊕								0			"	
_			onometer fro	om Foreno	on Obser	vatior	ns ⊕					0	•		ш	
Currer time	nt duri	ng the	:	knot	S		fms. per	hour, se	tting to	the						
	ion of	the Co	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0	66		"	
Variat	ion of	the Co	ompass by	Azimuth ⊕	observed	d at						0	66		"	
Water	expe	nded o	during the p	receding 2	4 hours									218 (gallons	
Water					during	the p	receding	24 hou	rs						u	
			on hand fit f											255	5 "	
			uring the pr	-	hours							2	tons	800	lbs.	
Coal r	emaır	ing on	n hand at No	oon								95	" 1	1360	•	
P,M.																
1				W by	3		30.40	40	36	34		bc		10		
2				S WSW	u		u	43	39	36		ш		u		
3				SW	u		30.36	45	41	37		44		u		
4				by W	u		"	"	40	38		ш		u		
5				WSW	12		30.38	42	39	36		Ьe		u		
6				"	"		"	48	33	37		"		u		
7				SW			30.43	44	38	36						
				by W	"							"		"		
8 9				"	"		30.44	43		"				"		
10				W	u		u	"	37	u		44		"		
				W by			00.45			"		"		"		
11				N	2		30.45		36			_		_		
Mid.				NNW	ш		30.46	"	44	sí						
Longit	ude h	v Chro	onometer fro	om Afterno	on Ohsei	vation	ns ⊕					0	,		ш	
_			onometer O			valiUl	1 3 ⊕]	ı		0	,		и	
-			ompass by		J		O.F	served				0	,		"	
			ompass by	piituue			OL.	at	at ouris			0	,		44	
	01															

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Light airs first part of watch gradually increased to fresh breeze from N.E. Swinging to flood tide during watch. Average steam pressure 22 lbs. Temp of bunkers 76°. Distilling during watch. Banked fires under 6 main boilers.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and pleasant. Moderate breeze from N.E. At 7.30 flagship made general signal 3350.

(Signed) Jn T. Sullivan Lieut.

From 8 to Merid. Clear and cold. Light N.E. breeze. At 9.30 flagship made general signal 3248. Inspected at quarters at 9.30. At 10 Commander Schley and Lieut.s Walker and Sullivan went on board the "Hartford" for duty as members of a general court martial. At 10 a general court martial convened on board the "Hartford". AT 10.45 the "Plymouth" got underweigh and went alongside the "Montauk" to coal. Weigh anchor at 12. John Lucey (1st Cl. Boy) was released from prisoner at large by order the Commanding Officer. The following punishments inflicted by order of the Commanding Officer. Viz:

J. V. Marien (2nd Cl. Boy) Two nights extra watch on quarter deck.

J. C. Sills "Work on quarterdeck at clothes.

R. J. Vermillion (O.Sea 3rd CI) " " " "

J. C. Sills (2nd Cl. Boy) On quarterdeck with bag during working hours: Two days. Herman Meyer " from hammocks to tattoo: relieve sig. boy. Henry Simpson " Boatkeeper, when boat is lowered, until further orders.

W. J. Hasson "Extra duty.

Average steam pressure 25 lbs. Temp. of bunkers 77°. Distilling. Banked fires.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear, cold and pleasant. Fresh breeze from N. At 1.30 swung to the ebb. At 1.45 flagship made signal 4557. Average steam pressure during watch 25 lbs. Temp of bunkers 78°. At 1.40 stopped distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast and cold. Light N.E. breeze. Slack water at 7.30. Commenced to swing to flood at 7.45. Banked fires. Average steam pressure 25 lbs. Temp of bunkers 80°. Riding across wind and tide. At 7 o'clock hauled fires from 4 boilers.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and cold. Light breeze from N.E., which shifted at 11 to N.W. Riding to flood.

(Signed) J. K. Cogswell
Lieut.

Asa Walker, Lieut.
Navigator.

				WINI	DS.		BAROME	ETER.	Т	EMPERAT	URE.	State of	Forms of	<u>.</u> .	State	
Hour.	ols.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
0.04	Knots	Fat										dymbold.		S. P.		
A,M.				NE	24		20.40	25	22	22		ha	Cir	0		
1				NE "	34		30.40	35	33	33		bc "	Cum "	9		
2				"			30.42	u	30	35		"	u	"		
3 4				u	4-6 "		30.40		"	30		4		"		
5				и	4		30.50	34	"	ш		64	ш	"		
6				"	3		u	33	"	ш		"	ш	"		
7				44	"		30.55	34	u	"		66	ш	"		
8				"	"		"	35	"	ш		"	"	"		
9				N by	"		30.60	38	u	31		b	ш	10		
				E NE	u			"	0.4	"		"	"	"		
10				by N "	"		30.62		31			ш		"		
11								44	32	32						
Noon				N by E	"		30.62	"	и	34		ш	и	u		
Distan	ce run	by Lo	g since pr	eceding No	on						k	nots	fa	thoms.		
Latitud	le by [D. R. a	t Noon									0			"	
Longitu	ude by	y D. R.	at Noon									0	•		"	
			ations at N									0			и	
-			nometer fr	om Foreno	on Obse	rvation	ns ⊕					0	•		"	
Curren time	it durii	ng me		knot	S		fms. per h	nour, se	tting to	the						
Variati	on of	the Co	mpass by	Amplitude	⊕ obser	ved at	Sunrise					0	66		"	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0	66		"	
				receding 2											allons	
Water		ondens				the p	receding	24 hour	S					730		
				for me at N								4	4	2190	,	
			hand at N	eceding 24	nours							1 93		1660 1940	lbs.	
Coarre	cilialii	ing on	nanu at iv	OOH								93		1340		
P,M.																
1				N	2-3		30.50	40	33			b	Ci Cum			
							00.00		00			b	ste			
2				ш	u		30.55	44	34			bc	"	8		
3				"	ш		30.58	41	36			44	" Ci	5		
4				44	u		30.53	42	35			и	Cum	и		
5				u Ni baa	"		30.54	40	34			44	Ci ste	6		
6				N by E	"		30.53	"	33			0	Cum Nimb	0		
7				NE	"		30.52	"	"			44	"	"		
8				"	ш		30.50	"	34			ш		u		
9				44	2		30.40	39	ш			ш	Nimb	u		
10				NW	3		30.45		32					u 		
11				"	"		30.44	"	"			"		u u		
Mid.																
Longitu	ude by	y Chro	nometer fr	om Afterno	on Obse	rvatio	ns ⊕					0			ш	
Longitu	ude by	y Chro	nometer O	bservation	S]			0	,		"	
Variati	on of	the Co	mpass by	Amplitude			ob	served	at Suns	et		0	,		"	
Variati	on of	the Co	mpass by					at				0	,		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Cool. Light N.W. breeze. Cum nimb clouds. Slack at 2. Swung to ebb at 2.30. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 83°.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Overcast, cold. Light N.W. breeze. Swung to ebb during watch. Slack water at 7.45. At 6.30 U.S.S. "Plymouth" got underway and stood up the Roads towards Norfolk. At 7.30 brought to on port chain and hove in to 30 fathoms. At 8 hoisted guard flag. Steam in two boilers. Pressure 25 lbs. Temp of bunkers 70°. Flagship made general signal 3350 at 7.30.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Overcast and cloudy, light airs from W, changing to S and W. Ship swung to the flood at 9 AM. Received on board overcoats for ships company. At 10.05 called all hands up anchor, manned bars and hove port anchor up to the cathead. (clear anchor) At 11.20 let go port anchor. The fifteen fathom shackle breaking in the crown we lost the port anchor and fifteen fathoms of chain. Let go starboard anchor immediately. Bearings at anchorage, Old Point Light N.E. 1/2 N. Rip Raps E. by S 1/2 S. Made all preparation for sweeping for anchor. At 11.45 made the following telegraphic signals to Flagship. 5468. 4973. 0383. 9409. 8131. 7277. 0776. 4308. 6022. 2548. 5468. 6179. 4578. 401. 9279. 945. 4045. 3978. 629. 0771. 026. 7277. 0970. 2333. 0935. 9092. 4204. 6022. 945. 6861.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast first part. Rising to flood. Engaged in sweeping for port anchor and chain. At 3.15 swung to ebb tide. At 3.45 got hold of starboard anchor and hoisted it up. Average steam pressure 30 lbs. Temp of bunkers 76°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light N.E. airs. While dragging for port anchor grappled starboard anchor, hove it in sight and let go. At 4.30 Flagship made general signal 2985. Wind shifted during latter part to S. by E. Ship riding to the ebb. Steam pressure 22 lbs. Temp of bunkers 76°. Distilling in operation.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Hazy and raw, cold weather. Light E[aster]ly airs. Swung to flood at 9.30. Distilling water. Average steam pressure 25 lbs. Temp of bunkers 76°.

(Signed) J. T. Sullivan Lieut.

Asa Walker, Lieut.
Navigator.

					WINI	DS.		BAROM	ETER.	1	TEMPERAT	JRE.	State of	Forms of	5	State	
Hour.			gi	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air Wet	Water	the Weather	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is
	400	Knots.	Fathoms.				Lee	in inches.	att'd.	Dry Bulb.	Bulb.	at surface.	by symbols.	symbols.	Prop.	Sea.	under at end of watch.
A,M.		_	_														
					NDA/	•		00.40	20	0.4	20		_	Cum	•		
1					NW	3		30.40	38	34	33		0	Nimb	0		
2					и	и		30.42	37	33	ш		и	66	и		
3					и	и		30.40	"	"	ш		и	и	u		
4					и	и		30.38	и	"	ш		и	" C:-	и		
5					ш	u		30.36	ш	и	и		bc	Cir Cum Nimb	2		
6					и	2		30.34	"	34	34		"	"	3		
7					и	1		30.30	"	44	"		"	44	2		
8					и	u		30.28	"	35	35		"	44	"		
9					W	u		30.28	36	40	37		и	Cir	1		
10					u	0-1		30.27	37	42	38		00	Cum "	0		
					CCM	ű- I							oc "	u	"		
11 Noon					SSW "	u		30.24	42	43	40		u	и			
								30.22	43	45	41				1		
Diet	nco	run k	w L o	a since pre	eceding No	on						L	nots	fo	thoms.		
			•	t Noon	eceuing inc	OH						K	0	la '		"	
				at Noon									0			"	
				at Noon	loon @								0			u	
					om Foreno	on Oboor	votion	20 ①					0			u	
	ent d			nometer m													
time					knot			fms. per l	hour, se	etting to	the						
					Amplitude			Sunrise					0	и		"	
					Azimuth ⊕		l at						0	и		"	
		pend	ed d	uring the p	receding 2										218 (allons	
Wate						_	the p	receding	24 hou	rs						u	
					or me at No										219		
				-	eceding 24	hours									2000	lbs.	
Coal	rema	aının	g on	hand at No	oon								92	. 2	2180	-	
P,M.																	
1					SW	1		30.18	46	44	42		bc	Cum	1		
2					Calm	0		30.16	"	**	43		44	ш	5		
3					и	u		u	47	**	44		44	Cir	9		
4					NE	1		30.15	50	46	46		"	Cir	5		
5					и	u		30.44	47	44	43		"	Cum "	6		
6					Calm	0		u	"	43	42		44	44	8		
7					SE by	0-1		u	"	41	40		bcw	и	6		
8					E "	"		30.16	"	"	44		44	ш	2		
9					Calm	0		"	46	44	"		ш	44	4		
10					E	1		u	"	"	u		"	44	3		
11					u	u		u	45	"	u		"	44	"		
Mid.					ш	u		u	"	"	"		u	66	и		
Long	jitude	e by (Chro	nometer fro	om Afterno	on Obser	vatio	ns ⊕.					0			"	
					bservation]		0			и	
				mpass by				ob	served		-		0			и	
Varia	ation	of th	e Co	mpass by					at				0	,		u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather cloudy and cool. Light S[outher]ly airs. At 3.15 swung to ebb

(Signed) J. K. Cogswell Lieut

From 4 to 8 A.M. Overcast. Rainy. Cold. Disagreeable. Thick. Light S.S.E[aster]ly breeze. Nimb clouds. Banked fires two boilers. Distilling. Temp of coal bunkers 70°. Steam pressure 30 lbs. Riding to ebb. At 8 hauled down guard flag.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast rainy. Light breeze from S. and E. Riding to ebb. Slack water at 8.43. Swung to flood at 9.30. At 9 veered to 60 fathoms, starboard chains. Average steam pressure 27 lbs. Temp of bunkers 74°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Overcast and rainy. Light S.E. breeze. At 12.30 stopped distilling. At 1.15 flagship made general signal 1085. At 2 "Ranger" hove in sight and came to anchor at 2.30. At 3.30 "Pinta" went alongside Flagship. Average steam pressure 25 lbs. Temp of bunkers 68°.

(Signed) John T. Sullivan

Lieut.

From 4 to 8 P.M. Overcast, foggy, raining. Light airs from W. Riding to ebb. At 5.20 "Pinta" came to anchor. At 5.20 Comdg Officer left ship on leave of absence. Slack water at 7.30. Average steam pressure 25 lbs. Temp of bunkers 68°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast, foggy first two hours of watch, clear two latter hours. At 11 slack water. At 11.15 swung to flood. Steam in two boilers. Average pressure of steam during watch 28 lbs. Temp of bunkers 83°.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut.
Navigator.

w		WINDS.		BAROMETER.		Т	TEMPERATURE.			Forms of		State	
Hour. Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.													
1	S	0-1		30.16	43	40	38		bc	Cir Str	5		
2	u	1		30.15	u	u	39		"	ш	4		
3	SSE	"		30.13	u	"	u		"	Cum	0		
4	u	"		30.13	"	"	ш		**	Nimb "	"		
5	и	2		30.12	u	и	40		or	Nimb	"		
6	u	1		30.10	u	41	41		"	ш	ш		
7	и	**		30.08	u	42	41		66	ш	и		
8	u	"		30.05	"	43	u		"	66	"		
9	ESS	"		30.02	46	44	и		66	44	и		
10	E by S	"		29.98	u	44	43		"	ш	"		
11	SSE	"		29.94	47	43	44		"	ш	"		
Noon ·	u	и		29.89	48	ш	43		ш	66	"		
Distance run by Log since pro	ecedina Na	oon							knots	fai	homs.		
Latitude by D. R. at Noon	cocallig 140	JOI1							0	,	noms.	"	
Longitude by D. R. at Noon									0			ш	
Latitude by Observations at N	Noon ⊕								0			ш	
Longitude by Chronometer fr		on Obse	rvatio	ns ⊕					o			"	
Current during the	knot	ts		fms. per l	nour. se	ttina to	the						
time Variation of the Compass by			ved at		,	9			0	u		**	
Variation of the Compass by									0	ш		и	
Water expended during the p											218 g	allons	
Water	Ü		g the p	oreceding	24 hour	s					730		
Water remaining on hand fit f	for me at N	oon									2190) "	
Coal consumed during the pr	eceding 24	1 hours							1	tons	160	lbs.	
Coal remaining on hand at N	oon								91	" 2	2020	u	
P,M.													
1	SSE	1	4	29.84	47	43	43		or	Nimb	0		
2	s	"		29.80	u	44	44		orf	u	и		
3	SW	1-2		29.78	48	и	45		44	ш	и		
4	u	"		29.76	u	46	46		of	и	и		
5	u	0-1		29.79	"	44	44		ofr	и	"		
6	u	1-2		e	u	и	43		44	u	и		
7	и	"		29.80	и	43	44		of	и	ш		
8	W	44		29.79	ш	44	и		es	и	и		
9	WSW	"		29.80	u	и	и		u	" C	"		
10	44	"		ш	u	ш	и		bc	Cum Nimb	"		
11	u	и		ш	"	ш	и		ш	ш	3		
Mid.	и	ш		44	ш	ш	и		ш	и	5		
Longitude by Chronometer fr	om Afterno	on Ohse	ervatio	ns ⊕					0			ш	
Longitude by Chronometer O]			0			"	
Variation of the Compass by				oh	served	ر at Suns			0			44	
Variation of the Compass by					at				0	,		и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Partly cloudy weather, and cool. Light N.W[ester]ly breeze. Swung to the ebb tide at 12.30. Average steam pressure 30 lbs. Temp of bunkers 70°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Weather cloudy and cool. Moderate breeze from N. and W. Riding to the ebb. At 7.30 the Ranger got underway and left for Norfolk. Flagship signaled 3350 at 7.30. Steam pressure 28 lbs. Temp of bunkers 80°. Received fresh provisions for crew.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and cool. Light N breeze. Swung to flood at 9.45. Average steam pressure 20 lbs. Temp of bunkers 74°.

(Signed) R. G. Davenport Lieut.

From Merid. to 4 P.M. Clear cool and pleasant. Light breeze from N. Ship riding to the flood. At 1.20 Chief Engineer P.A. Rearick and P.A. Paymaster S.D. Hurlburt left the ship on five days leave of absence. Lieut. R. G. Davenport left the ship on seven days leave of absence. Slack water at 3.30. Average steam pressure 25 lbs. Temp of bunkers 87°. At 3.30 Flagship made general signal 2984. Piped down wash clothes.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Overcast cool and pleasant. Light N[orther]ly breeze. At 4.50 swung to ebb. Banked fires. Average steam pressure 22 lbs. Temp of bunkers 85°. Distilling.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather cloudy and cool. Moderate N.E. breeze. Swung to the flood at 10.40. Steam pressure 30 lbs. Temp of bunkers 76°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

		INDS.	BAI	BAROMETER.			URE.	State of	Forms of	f state of	State	
Hour. Co st st Hour. St	ourses eered. Direction.	Force.	. Heigh in inche	att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.												
1	W	3	29.8	2 43	43	43		bc	Cum Nimb	8		
2	"	u	29.8	6 "	42	41		ш	"	4		
3	NW	"	29.8	8 "	42	41		44	ш	2		
4	"	"	29.9	4 "	"	"		ш	u	1		
5	NNW	"	29.9	4 39	37	36		44	u	u		
6	N	"	30.1	6 "	39	38		и	ш	2		
7	ш	"	30.1	6 40	38	36		и	ш	3		
8	ш	3-4	30.1	8 "	39	38		и	ш	1		
9	u	u	"	44	"	44		44	и	"		
10	"	"	30.2	4 "	"	"		44	ш	"		
11	u	"	и	44	"	u		66	ш	"		
Noon	u	u	"	44	"	44		44	и	"		
Distance run by Log s	ince preceding N	loon					k	nots	fa	athoms.		
Latitude by D. R. at No	-							0			"	
Longitude by D. R. at								0		4	"	
Latitude by Observation								0		4	"	
Longitude by Chronon		oon Obsei	vations ⊕					0			"	
Current during the		ots		er hour, s	ettina to	the						
time Variation of the Compa					cturig to	uic		0		u	u	
Variation of the Comp				SC				0		ш	"	
Water expended durin			ı aı							217 0	allons	
Water	ig the preceding		the preced	ina 24 hou	ıre					217 9	"	
Water remaining on ha	and fit for me at	-	inc preced	119 24 110t	113					2190) "	
Coal consumed during									tons	2200	lbs.	
Coal remaining on har	_	- Hours						90		2060	"	
B.4												
P,M. 1	N	2	30.3	0 48	40	40		bc	Cir	9		
2	и	u	и	44	41	u		и	Cum "	7		
3	u	u	ш	"	40	39		и	ш	5		
4	"	"	30.3	5 "	39	"		ш	ш	3		
5	NNE	u	30.3		"	38		0	Cum	0		
6	N	"	30.3		"	"		u	Nimb "	u		
7	"	1-2	"		"	39		ш	ш	u		
8	"	"	u	u	40	"		ш	ш	u		
9	NE	3	30.4	3 41	"	"		om	ш	u		
10	"	"	"	"	37	u		"	66	u		
11	u	"	u	40	"	36		ш	66	u		
Mid.	ш	u	ш	"	и	"		и	и	u		
Longitude by Chronon	neter from Aftern	oon Obse	vations ⊕					0		4	"	
Longitude by Chronon	neter Observatio	ns]		0		•	u	
Variation of the Compa	ass by Amplitude	е		observed	at Suns	set		0		4	u	
Variation of the Compa	ass by			at				0			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, cool. Fresh breeze from N.W. Swung to flood during watch. Steam in two boilers. Average steam pressure 30 lbs. Temp of bunkers 76°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Overcast. Wind moderate from N. Average steam 25 lbs. Temp of bunkers 70°. Distilling. At 7.30 Flagship made general signal 3350.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and cloudy. Moderate breeze from N, shifting to E. Ship swung to the flood at 11.15. Average steam 30 lbs. Temp of bunkers 70°. Distilling in operation.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast and cold, snowy. Moderate breeze from N.N.E. Rising to flood. Average steam pressure 25 lbs. Temp of bunkers 74°. Stopped distilling at 12.30.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Overcast and cold, with light snow-falls. Moderate breeze from N and E. Slack water at 5.15. Swung to ebb at 7. Average steam 22 lbs. Temp of bunkers 70°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast, snowing. Fresh N.E. breeze. Swinging to ebb during watch. Steam in two boilers. Average steam pressure 30 lbs. Temp of bunkers 70°.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut.
Navigator.

			WIN	DS.	BARON	IETER.		TEMPERAT	URE.	State of	Forms of	<u>.</u> .	State	
Hour.	Knots. Fathoms.	Courses steered.		Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	Α Γ													
1			NW	3	30.41	40	40	40		0	Cum	0		
2			ш	4	30.42	ш	38	36		u	Nimb "	"		
3			u	u	30.44	38	34	33		44	и	"		
4			"	"	30.45	ш	"	и		"	44	"		
5			NNW	"	30.47	37	32	31		66	Nimb	"		
6			N	"	30.49	u	44	и		44	u	"		
7			u	44	30.51	ш	33	32		44	44	"		
8			u	"	30.52	u	34	33		ос	Cum Nimb	"		
9			"	"	30.53	38	"	34		**	u	u		
10			"	44	30.55	"	"	u		**	es	"		
11			NNE	"	30.54	37	32	32		66	44	u		
Noon			N by E	u	и	36	31	31		ш	ш	"		
		-	preceding No	oon					k	nots		athoms.		
		. at Noon								0		•	u	
-	•	R. at Noo								0		•	и	
			at Noon ⊕	01						0			u	
Current of			r from Foreno							_			_	
time			Kno		fms. per	hour, se	etting to	the		0				
			by Amplitude							0		u	и	
			by Azimuth ⊕		at							247		
Water	Conde	-	e preceding 2		the preceding	24 hou	re					73	gallons n "	
			fit for me at N	_	are preceding	241100						219		
			preceding 24							2	tons	20	lbs.	
		on hand a								88	"	2040	ш	
P,M.			NINE	0.4	20.50	00	04	04			Cum			
1			NNE "	3-4	30.53	36	31	31		os "	Nimb	0		
2					30.52		"				Nimb "	"		
3 4			"	4	30.51	ш	"	30 31		oqs o	44	"		
5			ш	3-4	30.50	u	"	30		os	44	"		
6			NE	"	30.52	ш	"	"		"	66	"		
7			by N NNE	2-3	30.52	38	34	33		"	"	"		
			NE	<u>z</u> -3				"		44	4	"		
8			by N	"	30.52	39	35	u		ш	"	"		
9			ш	2.4	30.50		22			"		"		
10 11			"	3-4	и	"	33	u		"	"	"		
Mid.			u	"	u		"	u		ш	66	"		
			r from Afterno		vations ⊕					0		4	и	
•	•		r Observation	S]		0		•	ш	
			by Amplitude		ol	served		set		0			"	
Variation	of the	Compass	by			at				0			и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and snowing. Brisk wind from N and E, freshening in squalls. Average steam pressure 30 lbs. Temp of bunkers 66°. Swung to flood at 12.30.

(Signed) J. T. Sullivan

Lieut.

From 4 to 8 A.M. Weather thick, snowy first part, rain and sleet in latter part. Fresh squalls from N.E. Tide turned to ebb at 6.30. Riding between tide and wind. Steam pressure 25 lbs. Temp of bunkers 72°. Barometer falling.

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. Overcast, cold, rainy. Fresh breeze from N and E. Riding between wind and ebb tide. Slack water at 11. Average steam pressure 30 lbs. Temp of bunkers 74°

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Overcast cold and rainy. Fresh N.E. squalls. Tide turned to flood at 12. Riding between wind and tide. Average steam pressure 30 lbs. Temp of bunkers 76°.

(Signed) J. T. Sullivan

Lieut.

From 4 to 6 P.M. Overcast, squally and rainy. Moderate breeze from N and E, shifting to N and W. Slack water at 4.45. Ship swinging to ebb at 6.

(Signed) J. K. Cogswell

Lieut.

From 6 to 8 P.M. Overcast, cold rainy. Moderate breeze from N. and W. Riding to ebb. Average steam pressure 30 lbs. Temp of bunkers 70°. Distilling.

From 8 to Midnight. Overcast and cold. Light N.W[ester]ly breeze. Riding to the ebb. Distilling. Average steam pressure 27 lbs. Temp of bunkers 76°.

(Signed) J. T. Sullivan Lieut.

Lieut.

Asa Walker, Lieut. Navigator.

				WINE	os.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		ø	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	o. of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Lee	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
A,M.	_	_														
7, IVI.				NE	5-4		30.48	38	32	32		oqs	Nimb	0		
2				"	"		30.47	37	"	"		"	"	"		
3				NE	4-5		30.44	36	31	31		ш	u	"		
				by N	"			38	"	"		u		"		
4 5				NNE "	u		30.46 30.44	38	"	ш		u		"		
6				"	u		"	"	31	31		ш	u	"		
7				NE	u		30.42	"	32	"		oar		"		
				by E	u					00		oqr "	"	"		
8 9				NNE "	u		30.41	34 33	33	32		u		"		
10				ш	u		u	39	35	34		u		"		
11				44	"		"		34	33		ш	"	u		
Noon				"	u		"	"	"	34		u	"	"		
•										34						
Distan	ice rur	n by Lo	og since pre	ceding No	on						kr	nots	fa	thoms.		
Latitud	de by I	D. R. a	at Noon									0		4	"	
Longit	ude by	y D. R	. at Noon									0		4	"	
Latitud	de by (Obser	vations at N	loon ⊕								0		4	"	
Longit	ude by	y Chro	nometer fro	m Foreno	on Obser	vation	s ⊕					0		4	и	
Currer time	nt duri	ng the		knot	s	f	ms. per l	hour, se	tting to	the						
	ion of	the Co	ompass by A	Amplitude	⊕ observ	ed at S	Sunrise					0			"	
Variati	ion of	the Co	ompass by A	Azimuth ⊕	observed	d at						0		66	и	
Water	exper	nded o	luring the pi	receding 2	4 hours									217	gallons	
Water					during	the pr	eceding	24 hour	s						u	
Water	remai	ining c	on hand fit fo	or me at No	oon									255	5 "	
Coal	consur	ned di	uring the pre	eceding 24	hours							1	tons	260	lbs.	
Coal r	emain	ing on	hand at No	oon								87	и	1780	u	
P,M.				N by												
1				N by E	4-5		30.30	38	34	32		orq	Nimb	0		
2				44	5-6		"	37	и	34		ш	"	"		
3				"	u		30.28	и	и	32		u	u	u		
4				NNE "	4-5		30.27	и	44	и		ш	66	и		
5				" N by	2-3		30.24	38	и	34		oqr	"	и		
6				W	3		"	и	"	u		u	u	"		
7				NW	u		30.25	u	32	u		ee	"	"		
8				ш	u		"	u	"	u		or	"	"		
9				44	2		"	"	34	"		0	"	"		
10				44	"		30.23	"	и	"		"	и	"		
11				44	"		"	ш	ш	"		ш	и	u		
Mid.				u	"		30.24	u	и	ш		44	и	и		
		. 0'		A.E.	C'		- 0					0			"	
•		•	nometer fro			vation	s ⊕		_			0				
			nometer Ol		5				at Cuna			0				
			ompass by A	-inplituae			on	served	at SUNS	El		0			"	
variati	ion of	ine Co	ompass by					at							-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast and cool. Light breeze from N and E. Swung to the flood at 12.30. Steam pressure 25 lbs. Temp of bunkers 77°. Distilling.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast, cool; light airs, gradually [gradually] hauled from N.E. to N.W. At 6.30 swung to ebb. Steam in two main boilers. Average steam pressure 25 lbs. Temp of bunkers 76°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 Merid to Merid 4 P.M. Overcast and cool, light airs from N.N.W. Slack water at 1.30. At 2.30 ship swung to the flood. Average steam pressure 30 lbs. Temp of bunkers 70°. Stopped distilling at 2.10.

(Signed) J. K. Cogswell Lieut.

From to 8 to Merid. Overcast and cool. Light N.W. airs. Riding to ebb. Steam in two boilers. Average steam pressure 27 lbs. Temp of bunker 68°. Distilling.

(Signed) J. T. Sullivan Lieut.

From 4 to 6 P.M. Overcast and cool. Riding to flood. Light airs from N.N.W. Clearing off during latter part.

(Signed) Wainwright Kellogg Lieut.

From 6 to 8 P.M. Clear and pleasant. Light N.W. airs. Slack water at 6.30. Swung to ebb at 7. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 85°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather cloudy and cool. Calm. Rising to the ebb. Steam pressure 27 lbs. Temp of bunkers 78°. Bright moonlight.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROME	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A M	ž	Œ.												ш. 00		
A,M.				NE	2		20.22	20	24	20			Cum	0		
1				NE	3	;	30.22	38	34	32		or	Nimb	0		
2				a	u	•		и	и	и		ш	и	"		
3				er	ш		30.21	"	"	и		ш	и	"		
4				a	и		и	и	и	и		ш	es	"		
5				es	1	:	30.22	и	4	и		0	и	"		
6				N	ш	•		u	ш	и		и	66	"		
7				NW	u	•	и	44	"	и		ee	ш	u		
8				u	и	•	и	ш	44	и		ee	ш	"		
9				WNW	2		30.24	37	36	35		и	ш	"		
10				и	u		и	38	37	36		ee	ш	"		
11				NW	и		и	40	39	38		66	44	"		
Noon				NNW	и	•	и	41	35	ш		ш	ш	ш		
Dista	nce ri	ın hv l	og since nr	receding No	on						k	nots	fa	thoms.		
		-	at Noon									0			"	
			R. at Noon									0			"	
			rvations at I	Noon ⊕								0			"	
				rom Foreno	on Obsei	vations	(0			"	
_		ring the							Hina to	th o						
time		-		knot				iour, se	tting to	une		0				
				Amplitude			unrise					0				
				Azimuth ⊕		d at						Ü				
				oreceding 2											gallons	
Water		conden			-	the pre	ceding	24 hour	'S					73		
Wate	r rema	aining	on hand fit t	for me at No	oon									255	5 "	
Coal	consu	ımed d	luring the pr	receding 24	hours							4	tons	1700 260	lbs.	
Coal	remai	ning o	n hand at N	loon								87	" <u>-</u>	17 80	и	
P,M.																
1				NNW	0-1		30.20	42	37	36		ос	Cum	0		
				"	"		30.18	41				"	Nimb "	"		
2				u	и			41	36	35		u	u	"		
3				u	и				37	37		u	u	"		
4				u	и			42	38	38		u	u	"		
5				u	"		30.24		37	36		u	u	"		
6				"	и		30.24	40	00	u			0"	0		
7				u	и		30.26	43	36			bc "	Cum"	9		
8				0.1.			30.22	41	35	35		"	a	6		
9				Cabin	0		30.24	44	36	34				5		
10					u	;	30.20		"	u			-	3		
11					"	•		u		"				4		
Mid.				-	•		-	-	-	-		-	•	-		
Longi	tude l	by Chr	onometer fr	rom Afterno	on Obse	vations	· (+)					0			ш	
-		•		Observation			_		1			0			и	
-		•	ompass by		-		οh	served	ر at Suns			0			и	
			ompass by				OD	at	at Ourio			0			"	
- and		0	pado by					ui								

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast cool. Light breeze from N.E. Moon set at one. Swung to flood at 1. Steam in two boilers. Average pressure 30 lbs. Temp of bunkers 74°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Cloudy and cool. Light N[orther]ly airs. Slack water at 7.30. Average steam pressure 30 lbs. Temp of bunkers 70°. Commander W.S. Schley returned from leave. At 7.30 Flagship make general signal 3350.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and cloudy during first part; afterward clear and pleasant. Light breeze from N. Ship riding to the ebb. At 9.30 inspected crew at quarters. First and fifth section of boys received instruction in seamanship and gunnery. Average steam pressure 30 lbs. Temp of bunkers 75°.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Cool. Light airs from N. Riding to ebb. Slack water at 1.15. Swung to flood at 2.30. Average steam pressure 24 lbs. Temp of bunkers 85°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 6 P.M. Overcast and cool. Calm. Slack water at 5.20. Swung to ebb at 6. Lieut. Comdr John Schouler left the ship at 5.15 on 5 days leave of absence.

(Signed) J. T. Sullivan Lieut.

From 6 to 8 P.M Overcast and cloudy. Light airs from N. and E. Slack water at 7. Average steam pressure 24 lbs. Temp of bunkers 85°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Misty. Moonlight. Cool. Light airs from N. Swinging to ebb during watch. Steam on two boilers. Average steam pressure 30 lbs. Temp of bunkers 76°.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut. Navigator.

				WIN	DS.	BARO	METER.		TEMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	reeway. Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.															
1				NE	3	30.20	36	35	33		0	Cir Cum			
2				и	u	"	"	"	ш		ш	"			
3				ш	"	"	"	"	и		44	44			
4				44	"	ш	"	"	и		66	44			
5				N	2	30.22	"	36	34		bc	Cum	1		
6				ш	"	u	"	"	35		44	ш	"		
7				44	u	30.24	37	37	ш		и	и	"		
8				44	u	30.26	"	"	36		44	44	"		
9				и	u	30.28	40	"	37		44	Cir	7		
10				ш	1-2	"	43	"	и		44	Cum "	3		
11				44	u	30.30	44	"	"		и	и	5		
Noon				и	u	30.38	ш	38	38		ш	Cir	7		
Distar	nce rui	n by L	og since pre	eceding No	on					k	nots	fa	athoms.		
Latitu	de by	D. R.	at Noon								0		4	u	
Longi	tude b	y D. F	R. at Noon								0		•	ш	
			vations at N								0		•	ш	
-		-	onometer fr	om Foreno	on Obser	vations ⊕					0		4	и	
time	nt duri	ing the	9	knot	ts	fms. per	hour, s	etting to	the						
Variat	ion of	the C	ompass by	Amplitude	⊕ observ	ed at Sunrise					0		"	"	
Variat	ion of	the C	ompass by	Azimuth ⊕	observed	l at					0		"	ш	
Water	expe	nded (during the p	receding 2	4 hours								217	gallons	
Water					during	the preceding	g 24 hou	ırs						u	
Water	rema	ining (on hand fit f	or me at N	oon								219	0 "	
			uring the pr		hours							tons	2100	lbs.	
Coal	remair	ning or	n hand at N	oon							86	ű	220	и	
P,M.															
1				NNW	1-2	30.28	44	39	38		bc	Cir Cum	5		
2				N by	44	30.27	"	"	"		"	"	3		
				W N by	u		"	20	u		_	Cum			
3				E		30.29	и	38			0	Nimb	0		
4				Calm "	0			39			"	"			
5						30.30	"		"				-		
6				N				38			bc "	u	5		
7 8				NNW "	0-1	30.32	45	37	37		4	44	1 2		
				ш	"	u	44	"	u		ham	4	5		
9				ш	"	u	"	"	u		bcm "	4	"		
10 11				44	u	"	"	ш	"		"	66	"		
Mid.				и	u	u	"	"	u		u	44	"		
Longi	tude b	y Chr	onometer fr	om Afterno	on Obser	vations ⊕					0		•	"	
Longi	tude b	y Chr	onometer O	bservation	s]		0		•	и	
			ompass by	Amplitude		C	bserved	at Sun	set		0		•	и	
Variat	ion of	the C	ompass by				at				0		4	"	

Commences and until 4 A.M. Overcast and cool. Light N.E[aster]ly airs. Swung to the flood tide at 2.30. Average steam pressure 30 lbs. Temp of bunker 76°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Weather overcast and misty. Light breeze from N.E. Riding to the flood. At 7.30 Flagship made general signal 3350. Steam pressure 25 lbs. Temp of bunkers 78°. Received fresh provisions for crew.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast and cold. Light breeze from N. Slack water at 8.30. Got around to ebb at 9.30. At 9.30 mustered at quarters. Average steam pressure 30 lbs. Temps of bunkers 80°.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Overcast and cloudy, with occasional light showers of snow. Light breeze from N.N.E. At 1.30 Flagship made signal 1087. Overhauled both bower chains, while leaded shackle bolts and put in wooden pine. Slack water at 3.00. Swung to the flood at 3.45. Average steam pressure during watch 25 lbs. Temp of bunkers 80°. At 3.30 "Passaic" got underway and stood in shore.

(Signed) J. T. Sullivan Lieut.

From 4 to 6 P.M. Overcast cloudy and snowing. Light breeze from N and E. Ship riding to the flood. At 4.30 "Passaic" came to anchor.

(Signed) J. K. Cogswell Lieut.

From 6 to 8 P.M Overcast, cold, snowing during first part. Fresh breeze N.N.E. freshening during latter part. Riding between wind and flood tide. Average steam pressure 20 lbs. Temp of bunkers 80°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Overcast. Wind fresh in squalls from N.N.E. Shifting to N. Ebb tide commenced at 9 o'clock. Riding across wind and tide. Distilling. Average steam pressure 30 lbs. Temp of bunkers 80°.

(Signed) J. T. Sullivan Lieut.

			WINI	DS.		BAROME	TER.	т	EMPERAT	URE.	State of	Forms of	٠.	State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	ш														
A,M. 1			Calm	0		30.32	43	37	36		0	Nimb	0		
2			NE	1		"	42	36	34		"	"	"		
3			"	2		ш	41	35	"		ш	44	"		
4			ш	3		30.34	40	"	"		"	"	"		
5			и	u		"	38	ш	32		om	44	"		
6			"	u		30.35	u	34	ш		"	66	"		
7			u	u		30.36	39	ш	33		ш	"	"		
8			u	и		u	u	35	ш		ш	66	u		
9			NNE	2		30.38	40	36	30		0	44	"		
10			N by E	u		30.37	41	37	37		"	"	"		
11			N	u		30.34	42	ш	"		ш	"	"		
Noon			ш	u		30.28	"	ш	"		ш	"	"		
•															
Distance ru	un by Lo	og since pre	eceding No	on						ŀ	knots	fa	thoms.		
Latitude by) D. R. a	t Noon									0			44	
Longitude I	by D. R	. at Noon									0		ı	"	
Latitude by	/ Observ	vations at N	loon ⊕								0		ı	"	
Longitude I	•		om Foreno	on Obse	rvatio	ns ⊕					0			44	
Current du time	iring the		knot	s		fms. per h	our, se	tting to t	the						
Variation of	of the Co	mpass by	Amplitude	⊕ obser\	ed at	Sunrise					0		4	"	
Variation o	of the Co	mpass by	Azimuth ⊕	observe	d at						0	•	4	44	
Water expe	ended d	uring the p	receding 2	4 hours									217 g	allons	
Water				during	the p	receding	24 hour	s						"	
Water rema	aining o	n hand fit fo	or me at No	oon									182	5 "	
Coal consu	umed dı	uring the pre	eceding 24	hours							1	tons	260	lbs.	
Coal remai	ining on	hand at No	oon								84	"	2200	44	
DM															
P,M.			NINIE	2		20.26	40	27	27			Nimala	0		
1 2			NNE "	2		30.26 30.24	42	37	37		OC "	Nimb "	0		
3			и	u		"	41	35	36		ш	44	"		
4			u	u		ш	40	37	35		ocs	44	"		
5			ш	2-3		30.25	41	38	"		"	"	"		
6			ш	"		30.24	42	37	36		"	"	"		
7			"	4-5		"	u	35	37		oq	66	"		
8			ш	u		"	u	ш	38		"	"	"		
9			и	u		30.32	"	"	34		oqd	u	"		
10			N	u		30.20	"	"	"		oq	u	"		
11			u	и		30.18	41	44	"		44	и	u		
Mid.			44	u		u	"	"	u		"	и	u		
Longitude I	by Chro	nometer fro	om Afterno	on Obse	rvatio	ns ⊕					0		ı	"	
Longitude I	by Chro	nometer O	bservation	S]			0		•	u	
Variation of	of the Co	mpass by	Amplitude			ob	served	at Suns	et		0		•	"	
Variation of	of the Co	mpass by					at				0		4	u	

Commences and until 4 A.M. Weather rainy and squally. Moderate breeze from N. At 2.15 swung to the flood. Steam pressure 25 lbs. Temp of bunkers 66°. Barometer falling.

(Signed) J. K. Cogswell

Lieut.

From 4 to 8 A.M. Raining, with light fog. Light breeze from N.E. Swinging to flood during watch. Steam in two boilers. Average pressure 25 lbs. Temp of bunkers 70°. Distilling. At 8 hauled down guard flag. Chief Engineer P.A. Rearick returned from leave.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast, foggy and rainy. Fresh S.E. breeze. Commenced to swing to ebb at 10. Riding between wind and tide. Average steam pressure 30 lbs. Temp of bunkers 76°. Steam in two boilers. Distilling. At 8.45 veered to 75 fathoms on starboard chain.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast and cloudy, foggy during first part of watch. Fresh breeze from S, shifting to S.W. and increasing. Ship riding to the wind during latter part. Tide ebb. Average steam 30 lbs. Temp of bunkers 76°. Distilling in operation. Exercised life boat lowering apparatus.

(Signed) J. K. Cogswell Lieut.

From 4 to 6 P.M. Overcast, cool. Fresh breeze from S.W. Ship riding to wind. Low water at 4.30. By order of Comdg Officer, Geo W. Hamm (2CR) was declared a deserter, he having been absent from the ship ten days without leave.

(Signed) Wainwright Kellogg Lieut.

From 6 to 8 P.M Overcast and pleasant. Strong W.S.W. squalls. Riding to wind. Flood tide. Steam in two boilers. Distilling. Average steam pressure 30 lbs. Temp of bunkers 76°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather cloudy and cool. Blowing a gale from S. and W. Squally. At 8 let go the port anchor, veered to 30 fathoms port chain. Braced yards to the wind. Catamaran broke adrift. Steam pressure 27 lbs. Temp of bunkers 72°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROMI	ETER.	т	EMPERAT	URE.	State of	Forms of		State	
Hour.	S.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots	Fat										dymbolo.		S. P.		
A,M.																
1				N	4-5 "		30.15	39	36	34		oqr "	Nimb "	0		
2				NE "	"		30.12			"		"		"		
3 4				и	u		30.10	"	и	"		64	ш	"		
5				NNE	3		30.06	u	ш	"		or	ш	"		
6				"	2		30.00	"	и	36		"	ee	"		
7				и	"		29.90	"	ш	46		"	44	"		
8				u	u		29.80	"	40	"		"	и	"		
9				Е	2-3		29.77	44	43	43		ofr	ш	"		
10				SE	u		29.68	46	47	47		66	"	"		
11				S	4-5		29.60	50	50	50		"	44	"		
Noon				SW WSW	3-4		29.54	52	51	52		orfq	"	"		
•				VVSVV												
Distan	ce rur	n by Lo	og since pr	eceding No	on						k	nots	fa	thoms.		
Latitud	le by l	D. R. a	at Noon									0			u	
Longit	ude b	y D. R	. at Noon									0			u	
Latitud	le by	Obser	vations at N	Noon ⊕								0	•		u	
_				om Foreno	on Obser	vation	s ⊕					0			u	
Currer time	nt duri	ng the		Kno	ts	fi	ms. per l	nour, se	tting to	the						
Variati	on of	the Co	ompass by	Amplitude	⊕ observ	ed at S	Sunrise					0	66	4	u	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	l at						0	66	4	"	
Water	exper	nded c	luring the p	preceding 2	4 hours									217 g	gallons	
Water					during	the pr	eceding	24 hour	s					73		
Water	remai	ining c	on hand fit f	for me at No	oon									255	5 "	
			-	receding 24	hours							1	tons	560	lbs.	
Coal r	emain	ning on	hand at N	oon								83	" 1	1640	ű	
P,M.																
1				W	2		29.50	50	43	44		oqrf	Nimb	0		
2				SW	"		29.48	48	и	u		ос	Cum Nimb	"		
3				и	3-4		29.46	и	ш	u		ш	Cir	"		
4				u	4		"	47	"	42		"	Cum "	"		
5				ш	4-6		29.48	46	42	"		bcq	Cum	2		
6				WSW	5-7		29.50	45	41	40		"	Nimb "	7		
7				"	u "		"	44	40	"		"	ш	8		
8				u	u		29.52	"	40	и		oq	ш	1		
9				и	7		29.54	"	39	38		bcq	ш	"		
10				и	6-7		29.56	"	38	36		"	ш	"		
11				u	7		29.58	"	37	"		u	u	"		
Mid.				u	"		29.61	u	и	u		u	ш	"		
												0			_	
_				om Afterno		vation	s ⊕						•			
-				bservation	S]			0	،		"	
				Amplitude			ob		at Suns	set		0	,			
Variati	on of	the Co	ompass by					at				U	,		ш	

Commences and until 4 A.M. Blowing a fresh gale in heavy squalls from S and W. At 1 veered to 90 fathoms on starboard chain and 85 on port. Barometer rising slowly. Steam in two boilers. Average pressure 22 lbs. Temp of bunkers 76°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear and cold. Blowing fresh gale from W.S.W. and freshening in squalls. Swung to the flood at 5.15 and road ahead our anchor. Cleared away spanker and tended ship with helm. At 7 o'clock Flagship made general signal 4886 to "Passaic". "Passaic" answered and made 5944. Hove in to 60 fathoms on starboard chain. Average steam pressure 30 lbs. Temp of bunkers 76°. Clear hawse.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear and cool. Blowing fresh from W. Slack water at 9.30. Swung to the ebb at 10. Immediately after, hove up port anchor. Average steam pressure 20 lbs. Temp of bunkers 70°. Ship riding to the ebb, wind decreasing. At 9.30 inspected at quarters.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear and cool with moderate breeze from W. Riding to ebb. At 2 made interrogatory signal 4381. Flagship answered 661. Exercising with gatling gun. Average steam pressure 20 lbs. Temp of bunkers 76°. James Richardson (C.C) was discharged from this ship and the naval service by order of Comdg Officer.

(Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Clear and cool. Light W[ester]ly breeze. Low water at 5.05. Swung to flood at 6. Lieut. J. T. Sullivan left the ship on a leave of absence of one week.

(Signed) J. K. Cogswell Lieut.

From 6 to 8 P.M Clear and pleasant. Light breeze from W. Bright moonlight. Ship riding to the flood. At 8 rigged lower boom in. Average steam pressure 25 lbs. Temple of bunkers 65°.

(Signed) Wainwright Kello

(Signed) Wainwright Kellogg

Lieut.

From 8 to Midnight. Clear, cool and pleasant. At 9.20 slack water. At 9.40 swung to ebb. Light breeze from W during watch. Average steam pressure 28 lbs. Temp of bunkers 79°.

(Signed) Asa Walker Lieut.

				WINI	os.		BAROME	TER.	Т	EMPERAT	URE.	01-1	F		04-4-	
Hour.		ø	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	State of the Weather	Forms of Clouds, by	Prop. of Clear Sky, in 10ths.	State of the	Record of the sail the vessel is
	Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. o Sky, in	Sea.	under at end of watch.
	×	ш												2.57		
A,M.																
1				WSW "	7		30.62	35 "	35	35		bcq "	Cir "	9		
2					7-8 "		30.65	"	33	32			"	"		
3					"		30.70	"	32	и		"	"	"		
4				"	"		30.75	"		и			"			
5				u			30.79		"	и		bq "	"	10		
6				u	6-7 5-7		30.84	34				"	44	"		
7 8				ш	5-7		30.88 30.92	ш	33 34	33		e	u	"		
9				W	5-6		30.92	37	°	38		h	ш	"		
10				vv "	o-0 "		30.00	39	44	30 "		b "	u	"		
11				ш	4		30.02	40	36	и		44	ш	"		
Noon				ш	4		30.02	41	37	36		44	ш	"		
•							30.04	41	31	30						
Distant	ce run	hv I c	na since nre	eceding No	on						k	nots	fa	athoms.		
Latitud			-	occuring 140	OII						T.	0	10	4	"	
			at Noon									0		4	"	
			ations at N	Joon ⊕								0		4	"	
				om Foreno	on Obse	rvatio	ns ⊕					0		4	"	
Curren							fms. per h	our oo	tting to	tho						
time				knot			-	ioui, se	ung to	uie		0			"	
				Amplitude			Sunrise					0			"	
				Azimuth ⊕		d at										
				receding 2		. 41		04 5	_						allons	
Water		onden		4 NI		g the p	receding	24 nour	S					730	,	
				or me at No									tono	2920 2100	,	
			hand at No	eceding 24	Hours							82	tons	1880	lbs.	
Coarre	illalli	ing on	nanu at ivi	0011								02		1000		
P,M.																
1				W	34		30.04	43	39	38		b		10		
2				ш	и		и	44	40	39		ш	ш	u		
3				ш	и		30.07	46	43	42		ш	ш	u		
4				"	u		30.08	"	40	39		44	44	"		
5				ш	и		"	и	37	36		ш	ш	u		
6				ш	и		30.11	43	*	и		ш	ш	u		
7				ш	2-3		30.16	44	36	30		ш	ш	u		
8				ш	u		30.20	и	35	35		u	ш	u		
9				W by S	3		и	41	34	33		"	"	"		
10				W	u		u	40	"	44		u	ш	"		
11				W by	u		30.22	38	u	ш		44	"	"		
Mid.				N "	"		30.24	"	"	32		"	"	"		
ivilu.							30.24			32						
Longiti	ıde h	v Chro	nometer fr	om Afterno	on Ohse	rvatio	ns ⊕					0		4	"	
-				bservation		. • 4110			1			o		4	"	
•		•	mpass by		-		οh	served	ر at Suns			o		4	"	
			mpass by				36	at				0		4	"	

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, cool. Bright moonlight. Riding to ebb during watch. Steam in two boilers. Average steam pressure 20 lbs. Temple of bunkers 58°.

> (Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and cold. Gentle breeze from N.W. At 5 swung to the flood. At 7.30 Flagship made general signal 3330. Steam pressure 20 lbs. Temp of bunkers 79°.

> (Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and cold. Light breeze from N.W. Riding to flood. At 9.45 crew was inspected at quarters by Commanding Officer. Slack water at 10.30. Average steam pressure 15 lbs. Temp of bunkers 68°.

> (Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear and cool: pleasant. Light breeze from N.W. Riding to ebb. Average steam pressure 28 lbs. Temp of bunkers 68°.

> (Signed) J. K. Cogswell Lieut.

From 4 to 6 P.M. Clean. Cool. Pleasant. Gentle breeze from N. Riding to ebb. Slack water at 5.30.

(Signed) Wainwright Kellogg Lieut.

From 6 to 8 P.M Clear and cool. Light N.W. airs. Bright moonlight. Swung to flood at 6.38. Average steam pressure 28 lbs. Temp of bunkers 72°. Distilling. Steam on two boilers.

> (Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Cool. Bright moonlight. Swing to ebb at 11.15. Light airs from N and W. Steam in two boilers. Average pressure 30 lbs. Temp of bunkers 60°. Distilling.

(Signed) Wainwright Kellogg

Lieut.

Asa Walker, Lieut. Navigator.

				WINE	DS.		BAROMI	ETER.	TE	EMPERAT	URE.	State of	Forms of	<u>.</u>	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_	_														
1				WNW	2		30.26	33	32	32		bc	Cir	9		
2				"			30.28	"	31	"		"	"	"		
3				ш	"		30.30	"		31		"	"	и		
4				"	ш		"	"	ш	"		"	"	u		
5				NW	"		30.34	"	28	28		b	"	10		
6				44	"		30.38	"	44	"		44	44	u		
7				и	ш		30.40	"	29	"		"	и	u		
8				ш	"		30.42	"	ш	"		ш	"	"		
9				ш	"		30.46	35	30	30		ш	"	"		
10				44	"		30.48	36	33	32		44	"	u		
11				44	"		30.46	38	ш	44		44	"	u		
Noon				W	u		30.46	39	34	33		"	44	u		
•																
Distan	ice rur	n by Lo	og since pr	eceding No	on						k	nots	fa	athoms.		
Latitud	de by I	D. R. a	t Noon									0		4	"	
Longit	ude b	y D. R	. at Noon									0		•	"	
			vations at I									0		•	"	
-		-		om Foreno	on Obse	rvatio	ns ⊕					0		4	"	
Currer time	nt duri	ng the		knot	s		fms. per l	nour, se	tting to t	he						
	ion of	the Co	mpass by	Amplitude	⊕ obser	ed at	Sunrise					0		ш	"	
Variati	ion of	the Co	mpass by	Azimuth ⊕	observe	d at						0		u	"	
Water	exper	nded d	uring the p	receding 2	4 hours									217 g	allons	
Water					during	the p	receding	24 hour	s						u	
Water	remai	ining o	n hand fit t	for me at No	oon									2190) "	
Coal	onsur	med du	uring the pr	eceding 24	hours							1	tons	1760	lbs.	
Coal r	emain	ing on	hand at N	oon								81	u	120	u	
P,M.																
1				W "	2		30.44	39	34	33		b "	Cir "	10		
2					"			42	36	37		"	"	"		
3				WNW	"		30.42	44	42	40						
4				NW "	"		u	47	47	46		"	"	и		
5				"	"			48	42	42		"	"	"		
6				"			30.43	44	39	48		"	"	"		
7				"	0-1		30.44	43	37	36		"	"	"		
8 9				44	"		u	42		"		u	ш	9		
				ш	"		"	4Z "	ш	44		"	"	9		
10				44	"		u			34		u	ш	"		
11 Mid				44	"		u	40	35 "	34		u	ш	"		
Mid.																
Longit	ude h	v Chro	nometer fr	om Afterno	on Ohse	rvatio	ns ⊕					0			"	
-		•		bservations		. 74110			1			0			"	
_				Amplitude	-		oh	served	ر at Suns			0			u	
			mpass by				JU.	at	ar ourio	٠.		0			"	
v ai idli	011 01	and OC	mpass by					aı								

Commences and until 4 A.M. Clear. Cool and calm. Riding to the ebb. Bright moonlight. Steam pressure 30 lbs. Temp of bunkers 70°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant first hour of watch; overcast and cloudy during latter part. At 6 started fires in two main boilers. At 4.50 slack water. At 5.10 ship swung to flood. Distilling. Steam pressure 30 lbs. Temp of bunkers 70°.

(Signed) Asa Walker Lieut.

From 8 to Merid. Overcast. Cool. Fresh N.E. wind. Joseph Cook rated from Lds to Cabin Cook. Lieut. R. G. Davenport returned from leave. Riding to wind. Steam in four boilers.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Thick. Cloudy. Snowing. Disagreeable. Blowing moderate gale with fresh puffs from N.E. Tide turned ebb at 12.30. Master of American bark "Earnest T. Lee", came aboard for medical assistance which was rendered. Ship riding across weather ebb. At 3.30 hauled out spanker to steady her. Average steam pressure 30 lbs. Temp of bunkers 60°. Fires banked under four boilers.

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Overcast, squally. Moderate gale from N.E. Riding to wind. Raining during latter part. Took in spanker at 4.30. Barometer falling.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M Overcast cold and hailing. Strong N.E. squalls. Riding between wind and flood tide. At 7.45 let go port anchor, veered to 22 fathoms. Veered to 15 fathoms on starboard anchor. Banked fires under four boilers. Average steam pressure 20 lbs. Temp of bunkers 62°. At 7.30 wind increased to a fresh gale. Wind hauling to W.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Weather thick and squally. Snowy. Strong squalls from N.W. Swung to ebb at 11.30. Veered to 35 fathoms on port chain. Barometer rising. Steam on four boilers 40 lbs. Temp to bunkers 80°.

(Signed) J. K. Cogswell Lieut.

		WINI	DS.		BAROME	TER.	TI	EMPERAT	URE.	State of	Forms of		State	
Knots: Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.														
1		Calm	0		30.44	40	36	34		b		10		
2		"	u		"	u	44	35		es		u		
3		u	u		u	"	"	u		44		"		
4		44	"		30.41	u	ш	ш		u		u		
5		ENE	2		30.40	38	30	34		66		"		
6		ш	"		30.38	"	33	33		ос	Cum Str	"		
7		44	3		30.36	"	32	32		u	"	"		
8		"	2		30.34	u	ш	и		44	и	u		
9		NE	"		30.36	35	"	"		ш	Cum	"		
10		NNE	u		"	36	31	30		44	ш	u		
11		NE	4-5		30.26	35	u	u		oqs	Nimb	"		
Noon		u	5-6		30.20	"	"	"		66	"	"		
Distance run by Lo		eceding No	on							knots °	fa	athoms.	и	
Latitude by D. R. a										0				
Longitude by D. R		laan O								0				
Latitude by Observ			on Oboo	a ratio	20 M					0			"	
Longitude by Chro Current during the														
time		knot			fms. per h	our, se	tting to	tne		0				
Variation of the Co					Sunrise					0			u	
Variation of the Co				d at										
Water expended d	luring the p	receaing 2		tho n	ropodina	24 hour							gallons o "	
Water remaining of	n hand fit f	or me at N	-	trie p	receding	24 Hour	S					50 255	U	
Water remaining of Coal consumed du										2	tons	820	lbs.	
Coal remaining on			Tiouro							78		1540	"	
P,M.														
1		NE	7-9		30.10		31	31		osq	Nimb	0		
2		"	"		30.01	"	32	32		и	**	"		
3		u	u		29.89	ш	34	34		u	ш	"		
4		ENE	"		29.85		35	35		ш	u	"		
5		NE by E	"		29.74	39	36	36		orq	**	"		
6		NNE	3-7		29.69	40	37	37		u	ee	"		
7		N	u		29.64	41	36	36		u	ш	u		
8		NNW	6-8		29.60	40	33	30		ohq	**	"		
9		NW	"		29.61	36	39	28		oqs	ee	u		
10		44	6-7		29.68	34	"	ш		ш	ш	"		
11		u	"		29.70	"	44	и		и	ш	u		
Mid.		u	"		29.71	и	44	ш		и	ш	ш		
			6.							0		,		
Longitude by Chro				rvatio	ns ⊕					0				
Longitude by Chro			5				at Cuna			0				
Variation of the Co		Amplitude			ob		at Suns	et		0				
Variation of the Co	ompass by					at				•			=	

Commences and until 4 A.M. Overcast. Freezing. Snowing first part of watch. Strong winds from W.N.W., light fresh squalls. Nimbus clouds. Clear hawse. Obscured moonlight. Steam in four boilers. Average steam pressure 40 lbs. Temp of coat bunkers 70°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear. Cold. Blowing a fresh breeze from W.N.W. At 7 hove up port anchor. Swinging to flood tide at 7.30. Banked fires under four main boilers. Average steam pressure 35 lbs. Temp of bunkers 70°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear and cold. Blowing fresh from N.N.W. Ship riding to the flood. At 9 brought stbd [starboard] chain to capstain[captsan], and hove in to 45 fathoms. At 9.45 called all hands, "up anchor": got underweigh and at 10.45 came to, with stbd anchor in 10 1/4 fathoms of water: veering to 45 fathoms. Old Point Light (P.a.) N.N.E. 1/2 E. Rip Raps S.E 1/2 E. Ships head N.E. Average steam 50 lbs. Temp of bunkers 84°. Wind freshening. Slack water at 12.

(Signed) J. K. Cogswell

Lieut.

From Merid. to 4 P.M. Clear. Cold. Fresh W.N.N. breeze. Ship riding to wind until 1.30, when swung to ebb. Fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 80°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Cold and clear. Fresh W.N.W. breeze. Riding to ebb. Fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 80°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 6 to 8 P.M Clear and cool. Fresh breeze from W.N.W. Ship riding to ebb. Slack water at 7.45. Average steam pressure 20 lbs. Temp of bunkers 76°. Distilling in operation. Fire under two boilers.

(Signed) J. C. Cogswell, Lieut.

From 8 to Midnight. Clear. Freezing. Fresh W.N.W. breeze. At 8.15 moon rose. Bright moonlight. At 9.10 swung to flood. Steam up on two boilers. Average pressure 24 lbs. Temp of bunkers 70°. Distilling.

(Signed) Richard G. Davenport

Asa Walker, Lieut. Navigator.

				WINE	os.		BAROM	ETER.	т	EMPERAT	URE.	01-11	F		04-4-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥															
1				WNW	6-8		29.75	28	28			0.S.	Nimb	0		
2				ш	"		29.80	"				"	"			
3				ш	5-7		29.84	"	ш			0.	"	u		
4				44	"		29.88	"	ш			b.c.	u	u		
5				44	5		29.90	44	ш	28		"	Cir	5		
				es				и	ш	20		"	Cum "			
6					4		29.95	"		07				9		
7				"	u		30.00	и	27	27		"	u	"		
8							30.08		26	26		_	"			
9				"	3-4		30.12	30	28	27		0.	"	10		
10					4-5 "		30.13	32		28			"	"		
11 Noon							30.14	34	29	0.4						
					-			35	32	31		b.c.	Cir	8		
Distan	ice ru	n by L	og since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	de by	D. R. a	at Noon									0		4	"	
Longit	ude b	y D. R	. at Noon									0		4	ш	
Latitud	de by	Obser	vations at N	loon ⊕								0		4	u	
Longit	ude b	y Chro	onometer fr	om Foreno	on Obser	vation	s ⊕					0		4	ш	
Currer	nt dur	ing the	;	knot	s	fi	ms. per l	nour, se	tting to	the						
time Variati	ion of	the Co	ompass by	Amplitude (⊕ observ				•			0			"	
			ompass by									0		4	и	
			during the p											217	gallons	
Water		onden				the pr	eceding	24 hour	rs					30		
			on hand fit f	or me at No	_	о р.	occug							268		
		-	uring the pr									2	tons	1420	lbs.	
			hand at N	-								176		120	"	
P,M. 1				WNW	4-5		30.16	36	31	30		b.c.	Cir	7		
				"			"					ű.c. "	Cum			
2				-	4			38	33	32		_	Cum Cir	9		
3				и	"		30.18	и	34	33		u	Cum	u		
4				u	3-4		30.19	"	33	34		и	ш	u		
5				44	u		30.22	"	35	34		b.	"	10		
6				NW	2		30.25	40	36	33		"	u	u		
7				WNW	2-3		30.28	и	32	31		"	u	"		
8				ш	"		30.29	"	30	29		"	и	"		
9				"	3-5		30.30	39	29	"		u	"	u		
10				"	3-6		30.32	38	28	28		u	ш	u		
11				ш	3-5		30.34	37	27	27		"	u	"		
Mid.				ee	u		30.36	37	и			и	ш	u		
Longit	ude h	v Chr	onometer fr	om Afterno	on Ohsei	vation	s ⊕					0		4	и	
_			onometer O			. 4.1011			1			0			"	
-		•	ompass by		•		o h	senred	at Suns			0		4	"	
				Ampiiluue			OE		at ouris	Cl		0			"	
vanati	IUII UI	uie C	ompass by					at								

Commences and until 4 A.M. Clear. Cold. Fresh breeze from N. and W. Swung to ebb tide at 1.15. Steam on one boiler. Average steam pressure 28 lbs. Temp of bunkers 82°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear and cold. Moderate breeze from N. and W. Low water at 7.30. Flagship made general signal 3350. At 7 commenced getting up steam under four boilers. Steam pressure 20 lbs. Temp of bunkers 80°. Distilling. Made preparations for sweeping for lost anchor. Barometer rising.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear. Freezing. Moderate breeze from W.N.W. shifting to S during watch. Swung to flood at 8.30. Average steam 30 lbs. Temp of bunkers 64°. Distilling. Fires under four boilers.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast and cold. N.W[ester]ly breeze. At 1.30 slack water. Swung to ebb at 1.45. At 1.30 "Montauk" got underwigh [underway] and came too at 2.00. Fires under four boilers. Average pressure 30 lbs. Temp of bunkers 68°.

(Signed) Wainwright Kellogg Lieut.

From 4 to 6 P.M. Clear and cool. Fresh breeze from W.S.W. At 5.00 Flagship made signal 1087. Ship swung to the ebb. Fires banked under two boilers and spread under two. Distiller in operation.

(Signed) J. C. Cogswell Lieut.

From 6 to 8 P.M. Overcast. Freezing. Moderate breeze from N. Riding to ebb. Slack water at 7.15. Steam on two boilers. Average steam pressure 30 lbs. Temp of bunkers 50°. Stopped distilling at 7.15. Banked fires under two boilers.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear. Freezing. Moderate breeze from N. Swung to flood at 8.30. Steam in four boilers. Banked under two of the them. Average steam pressure 18 lbs. Temp of bunkers 79°.

(Signed) Wainwright Kellogg Lieut.

					WINE	OS.		BAROM	ETER.		TEMPERAT	JRE.	State of	Forms of	is is	State	
Hour.	Knots.	Fathoms.	ste	urses ered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																	
1					WNW	3-5		30.25	20	27	27		b.c.	Cir	9		
2					и	"		u	"	"	и		44	Cum "	и		
3					и	"		30.38	"	25	25		44	ш	и		
4					и	u		30.40	u	"	u		44	ш	и		
5					u	4		30.42	29	"	23		44	Cum	ш		
6					и	"		30.44	28	23	20		ш	Str "	ш		
7					u	"		30.48	"	17	"		ш	u	u		
8					и	u		30.49	u	44	и		44	ш	и		
9					u	3		30.50	38	"	24		b.	None	10		
10					W by	"		30.49	31	13	25		b.c.	Cum	9		
11					N W	u		30.46	33		28		ш	Cir	"		
Noon						"		30.40		16			и	Cum "	0		
					WSW				34	18	30				8		
Distan	ce rui	n by l	_og sii	nce pre	eceding No	on						k	nots	fa	athoms.		
Latitud	e by	D. R.	at No	on									0		4	и	
Longitu	ude b	y D. I	R. at N	loon									0		4	и	
Latitud	e by	Obse	rvatio	ns at N	loon ⊕								0		4	ш	
-		-		eter fro	om Foreno	on Obser	vatio	ns ⊕					0		4	и	
Curren time	t duri	ng th	е		knot	S		fms. per	hour, se	etting to	the						
	on of	the C	Compa	iss by	Amplitude	⊕ observ	ed at	Sunrise					0		"	и	
Variation	on of	the C	Compa	iss by	Azimuth ⊕	observed	d at						0		"	"	
Water	expe	nded	during	the p	receding 2	4 hours									220 (gallons	
Water						during	the p	receding	24 hou	rs						"	
Water	rema	ining	on ha	nd fit fo	or me at No	oon									245	7 "	
					eceding 24	hours							3	tons	80	lbs.	
Coal re	emain	ning o	n han	d at No	oon								73	er .	40	"	
P,M.																	
1					WNW	3		30.40	36	30	29		bc	Cum	9		
2					W	2-3		30.36	37	32	30		"	ш	"		
3					u	2		30.35	39	35	31		u	ш	5		
4					SW	3		30.34	u	32	30		"	0	0		
5					WSW	2-3		u	38	31	30		u	Cir Cum	4		
6					W	u		и	37	66	u		u	и	5		
7					u	3		30.35	36	30	29		0	ш	0		
8					ш	"		u	"	"	u		b.c.	Cum	2		
9					ш	4		30.37	"	28	u		"	Cir Cum	5		
10					"	ш		30.38	35	44	28		u	и	5		
11					u	"		u	32	27	27		ű	ш	9		
Mid.					и	u		u	u	"	и		и	ee	u		
Longitu	ıde b	y Chi	onom	eter fro	om Afterno	on Obsei	vatio	ns ⊕					0		4	и	
Longitu	ıde b	y Chi	ronom	eter O	bservations	5]		0		4	u	
Variation	on of	the C	Compa	iss by i	Amplitude			ob	served	at Sun	set		0		•	"	
Variation	on of	the C	Compa	iss by					at				0		4	"	

Midnight until 4 A.M. Clear and cold. Moderate breeze from N and W. Swung to ebb at 2. Steam pressure 20 lbs. Temp of bunkers 66°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Freezing. Light N.W. breeze. Riding to ebb. Thermometer showed 8° on poop. Banked fires under four boilers. Average steam pressure 20 lbs. Temp of bunkers 66°. Received fresh provisions in Paymaster Department.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear. Freezing. Light N.N.W. breeze. Slack water at 8.30. Swung to flood at 9. Banked fires under four boilers. Average steam pressure 40 lbs. Temp of bunkers 76°.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light air from N.W. during first part, afterwards changing to E.S.E. and N.N.E. Slack water at 2.15. Swung to ebb at 3. Steam pressure during watch, 25 lbs. Temp of bunkers 73°. Fire banked under four boilers.

(Signed) J. K. Cogswell Lieut.

From 4 to 6 P.M. Clear. Freezing. Light airs from N. Riding to ebb. Banked fires under four boilers. Anchorage pressure 20 lbs. Temp of bunkers 73°. Much ice floating with tide.

(Signed) Richard G. Davenport Lieut.

2.000

From 6 to 8 P.M. Clear. Freezing. Light N[orther]ly airs. Riding to ebb. Banked fires under four boilers. Average pressure 25 lbs. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear, cold and calm. Swung to flood at 9. Moon rose at 11. Steam pressure 20 lbs. Temp of bunkers 70° .

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_	_														
1 1				WNW	4		30.43	28	28	22		bc	Cir	9		
2				NW	"		"	"	"	"		b	"	"		
3				"	"		u	"	"	и		"	None	10		
4				44	3		"	"	"	u		66	"	"		
5				NNE	"		30.44	27	23	ш		66	66	u		
6				44	"		30.46	26	"	ш		66	66	u		
7				u	"		30.48	"	"	u		"	"	"		
8				u	"		30.51	"	"	23		"	"	"		
9				E	"		30.52	"	"	u		"	"	"		
10				SE	"		"	29	27	26		66	**	"		
11				S	2		"	31	28	27		66	**	"		
Noon					3		30.49	34	29	28		44	44	u		
Distan	ce rur	n by Lo	g since pro	eceding No	on						k	nots	fa	athoms.		
Latitud	le by I	D. R. a	t Noon									0		4	"	
Longit	ude by	y D. R	at Noon									0		4	"	
Latitud	le by (Observ	ations at N	Noon ⊕								0		4	"	
-				om Foreno	on Obse	rvatio	ns ⊕					0		4	и	
Currer time	nt duri	ng the		knot	s		fms. per l	nour, se	tting to	the						
	on of	the Co	mpass by	Amplitude	⊕ obser	ved at	Sunrise					0		u	и	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0		ш	и	
Water	exper	nded d	uring the p	receding 2	4 hours									217 g	allons	
Water					during	g the p	receding	24 hour	s						"	
Water	remai	ining o	n hand fit f	or me at N	oon									2190) "	
Coal c	onsur	ned du	iring the pr	eceding 24	hours							1	tons	1660	lbs.	
Coal re	emain	ing on	hand at N	oon								71	u	620	"	
P,M.																
1				NW "	0-1		30.46	35	31	30		b "	None "	10		
2							30.44	36		39		"	u	"		
3				ESE	"		u	39	36	34		"	u	"		
4				NNE	"			42	37	36						
5				N "	"		30.45	39	33	32		bc	Str	9		
6				и	"		u	37	"	30		b "	None "	10		
7				"	"		u	"	"	"		h -	Ot-	•		
8 9				Calm	0		30.46		30	ш		bc b	Str None	9 10		
				"	"		30.46		30 "	ш		D "	none "	10		
10 11				44	"		30.47	36 "	и	ш		ш	ш	u		
11 Mid				44	"		30.48	u	и	ш		ш	ш	u		
Mid.																
Longit	ude b	v Chro	nometer fr	om Afterno	on Obse	ervatio	ns ⊕					0			и	
-				bservation		• 4110						0			"	
-		-		Amplitude	-		oh	served	at Suns	et		0			"	
			mpass by	р			36	at				0			"	
vandu	511 01		pass by					at								

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Freezing. Bright moonlight. Light S[outher]ly airs. Slack water at 2.30. Swung to ebb at 3.45 Much ice floating with tide. Banked fires under four boilers. Temp of bunkers 80°. Average pressure 30 lbs.

(Signed) Richard G. Davenport

From 4 to 8 A.M. Clear. Freezing. Light breeze from S. and W. Riding to ebb during watch. Large quantity of ice floating down with tide. At 6.15 the "Passaic" dragged with the ice. At 6.30 the "Montauk" dragged with the ice. Collided with the "Passaic" and both vessels dragged until they were East of Light House, distant about four cables length, when they brought up. At 6.45 Flagship made general signal 4886. At 7.30 spread fires in four, and started in two main boilers. Steam pressure 24 lbs. Temp of bunkers 75°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear and pleasant. Light airs from S.W. Slack water at 9.15. At 9.30 exercised at general quarters. Time casting loose. 1^{st} Div 5 m[inutes] - 30 s[econds]. 2^{nd} Div 4 m - 00 s. Powder Div 3 m - 50 s. Engineer Div 30 s. Marine 1 m - 30 s. Master Div 1 m - 30 s. Surgeons Div 2 m - 15 s. Time Securing. 1^{st} Div 7 m. 2^{nd} Div 3 m - 30 s. Powder Div 8 m. Engineer Div 30 s. Master Div 3 s. At 9.30, U.S.S. "Passaic" got underway and steamed up to her old anchorage. At 10, U.S.S. "Montauk" did the same. Ship swung to the flood at 10. At 10.40 Flagship made signal 2121. And at 11.15 the following telegraphic signals. 9279. 154. 0935. 4578. 7409. 7694. 345. Lieut. Comdr John Schouler and P.A. Paymaster S.D. Hurlburt reported their return from leave. Average steam pressure 25 lbs. Temp of bunkers 60° . Fires banked under six boilers.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cold. Pleasant. Light airs from N and E. Riding to flood. At 1.45 Flagship made general signal 5455. Loosed sail today. Slack water at 3. At 3.50 Flagship made general signal 4826. Furled sail. Will Anderson (C.F.C.) Geo W. Cass (W.R. Cook) and Cary Braxton (Lds) were sent to the Hospital at Norfolk. Banked fires under six boilers. Average steam pressure 38 lbs. Temp of bunkers 62°. Much ice drifting with tide.

(Signed) Richard G. Davenport

Lieut.

From 4 to 6 P.M. Clear and cold. Light airs from S and E. Swung to ebb at 4.10. Banked fires under six boilers. Distilling.

(Signed) Wainwright Kellogg

Lieut.

From 6 to 8 P.M. Clear and pleasant. Light airs from S and E. Ship riding to the ebb. Average steam pressure 35 lbs. Temp of bunkers 84°. Distiller in operation. Fires banked under six boilers.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Cold. Damp. Light S.S.E. breeze. Cum str clouds. Banked fires under six boilers. Average steam pressure 33 lbs of bunkers 80°. Slack water at 9.45. Swung to flood at 10.30. Moon rose at 11.53

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

			WIN	DS.		BAROME	TER.	T	EMPERAT	URE.	State of	Forms of		State	
Hour.	é	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry	Air Wet	Water at	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is
Knots.	Fathoms.				Lee	inches.	att d.	Bulb.	Bulb.	surface.	symbols.	symbols.	Prop. Sky, ii	Sea.	under at end of watch.
A,M.															
1			Calm	0-5		30.48	30	29	29		b	None	10		
2			S	1		"	"	28	28		"	"	"		
3			u	2		u	"	"	"		"	ш	u		
4			"	3		"	"	"	u		"	"	u		
5			"	2		30.32	"	"	"		44	"	u		
6			ш	3		"	"	27	27		bc	Cir	4		
7			"	2		u	"				"	"	0		
8			ш	"		и	"	"	и		"	"	9		
9			SW	u		30.52	36	23	31		b	None	10		
10			"	"		"	"	35	33		"	"	"		
11			u	0-4		30.58		38	34		44	ш	u		
Noon			u				38				44	ш	u		
				0-1		30.48	42	40	36						
Distance ru	ın by I c	a since pre	ecedina No	ıon						k	nots	fa	ithoms.		
Latitude by			300ug . to								0			и	
Longitude by											0			ш	
Latitude by			loon ⊕								0		ı	и	
Longitude by				on Obser	vation	ne A					0		ı	и	
Current dur															
time	9		knot	S		fms. per h	our, se	tting to	the						
Variation of						Sunrise					0		4	и	
Variation of	f the Co	mpass by	Azimuth ⊕	observed	d at						0		4	и	
Water expe	ended d	uring the p	receding 2		41		04 5						217 g	allons	
Water				_	tne p	receding	24 nour	'S					0.400		
Water rema													2190	'	
Coal consu				nours							3	tons	1080	lbs.	
Coal remain	ining on	nand at No	oon								67		1780		
P,M.															
1			N	0-1		30.41	45	40	37		b	None	10		
2			ENE	u		30.42	46	"	и		u	и	u		
3			ш	"		30.45	"	39	36		ш	"	u		
4			Е	ш		30.48	44	40	38		bc	Cir	ш		
				ш			"				"	Str "	"		
5						30.46		37	36 "		"		0		
6			ESE -	1-2		30.47							8		
7			E	1		30.48	43	36 "	35		-		5		
8			SE						34			_	7		
9			SSE	0-1			42	35					8		
10			44	1		"	41	ш	и		ш	"	6		
11			" C by	2		и	ш	34	и		ш	"	u		
Mid.			S by E	3		u	**	u	ш		ш	ш	ш		
Longitude b	by Chro	nometer fro	om Afterno	on Obser	vation	ns ⊕					0			и	
Longitude b	by Chro	nometer O	bservation	S]			0		•	"	
Variation of	f the Co	mpass by	Amplitude			ob	served	at Suns	et		0		4	"	
Variation of	f the Co	mpass by					at				0		•	ш	

Commences and until 4 A.M. Clear, cool, with light airs from S. Riding to flood during watch. Banked fires under six main boilers. Average steam pressure 30 lbs. Temp of bunkers 76°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Weather overcast. Light E[aster]ly breeze. Swung to the ebb at 5. At 7.30 Flagship made signal 3350. Lieut. Asa Walker left the ship on a weeks leave. Received fresh provisions for crew. Steam pressure 25 lbs. Temp of bunkers 86°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast. Cool. Disagreeable. Damp. Light airs from E. Slack water at 9.30. Swung to flood at 10.15. At 10.30 started fires in boiler Nos [numbers] 1 and 3. Raining during latter part. Fires under eight boilers. Average steam pressure 30 lbs. Temp of bunkers 80°. Stopped distilling at 10.30.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast, cool, foggy and rainy. Light S.E. wind. Riding to flood. James Brown (Sea) rated to Capt of Forecastle from the rate inclusive, by order of Comdg Officer. Banked fires under eight boilers. Average pressure 50 lbs. Temp of bunkers 80°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 6 P.M. Overcast, foggy and rainy. Light wind from S. and E., shifting to N. and E. Slack water at 4.45. Ship swung to the ebb at 5.40. Fires banked under four boilers.

(Signed) J. K. Cogswell Lieut.

From 6 to 8 P.M Overcast. Foggy. Rainy. Light airs from S.E. Riding to ebb. Banked fires under four boilers. Average steam pressure 25 lbs. Temp of bunkers 80°. Barometer falling.

(Signed) Richard G. Davenne

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast. And foggy first two hours, accompanied with rain last two. Swung to flood at 11.30. banked fires under four boilers. Average steam pressure 27 lbs. Temp of bunkers 68°. Barometer falling rapidly

(Signed) Wainwright Kellogg Lieut.

> Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROME	TER.	Т	EMPERAT	JRE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	호	Ē												ωS		
A,M.													Cir			
1				S	1		30.48	38	35	35		bc	Cum	3		
2				u	"		"	"	"	ш		u	44	5		
3				ш	и		ш	"	44	и		66	"	3		
4				ш	и		ш	ш	и	и		ш	" C	"		
5				ESE	2		"	38	"	34		om	Cum Nimb	0		
6				ш	3		30.48	40	**	и		44	"	u		
7				ш	"		30.46	"	37	36		66	"	"		
8				er	u		30.42	44	ш	и		ш	ш	и		
9				E	1		30.40	42	и	и		0	44	u		
10				ш	и		30.40	43	40	39		u	44	u		
11 Noon				ш	"		30.38	"	38	38		or	Nimb "	"		
					1-2		30.34	42								
Distan	ice rur	n by La	og since pre	ecedina No	ıon							nots	fa	ithoms.		
			at Noon	socuring 140	011							0			"	
			. at Noon									0			u	
			vations at N	loon ⊕								0			"	
			nometer fro		on Obser	vations	s ⊕					0			"	
Currer	nt duri	ng the	:	knot	s	fı	ms. per h	nour. se	ttina to	the						
time Variati	ion of	the Co	ompass by	Amplitude	⊕ observ				Ü			0		4	"	
			ompass by									0		4	u	
			uring the p											218 (gallons	
Water		onden	-	Ü		the pr	eceding	24 hour	s					73		
Water	remai	ining c	on hand fit fo	or me at No	oon									219	0 "	
Coal	onsur	ned di	uring the pro	eceding 24	hours							2	tons	1120	lbs.	
Coal r	emain	ing on	hand at No	oon								65	" (660	"	
P,M.																
1				E "	2		30.20	43	39	40		or "	Nimb	0		
2							30.18	44	40	41				"		
3				SE	3		30.14	45	41	42		orf "	"	"		
4				ESE E by			30.10	46				_	и	и		
5				S	1		30.04		40	40		-				
6				NE -	1-2		30.00	48	44	44				"		
7				E	2		29.98			"		of		"		
8				ENE	"		29.92					orf				
9				E			29.90		45	46		of	"			
10 11				SE "	4-6 3		29.82 29.75	"	46	46		orf "	и	и		
Mid.				u	ى "		29.75	"	"	ш		"	"	"		
iviiu.							23.03									
Lonait	ude b	y Chro	nometer fro	om Afterno	on Obser	vation	s ⊕					0			и	
•		•	nometer O						1			0			u	
_			ompass by				ob	served	at Suns			0			u	
			ompass by					at				0			"	

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Thick fog and rainy first part of watch. Squally. Fog cleared at 1.45. Wind hauled from S. to N. and W. Blowing fresh at end of watch. Steam pressure 23 lbs. Temp of bunkers 73°. Barometer rising.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast. Cold. Disagreeable. Fresh S.W. breeze. Cum Nimb clouds. Riding to ebb. Banked fires under four boilers. Average steam pressure 30 lbs. Temp of bunkers 76°. At 7.30 Flagship made general signal 3350.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Fresh S.W. breeze. Slack water at 11.30. At 9.45 Comdg Officer inspected at quarters, immediately afterwards had general muster at which articles for the better government of the Navy were read. Comdg Officer held divine services. Also read proceedings, findings and sentence of Court Martial in case of William Valler (Sea) commenced Dec. 20th 1876. Banked fires under four boilers. Average pressure 25 lbs. Temp of bunkers 70°. (Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from W. Slack water at 1. Swung to the flood at 2. Average pressure 25 lbs. Temp of bunkers 68°. Fires banked under four boilers.

(Signed) J. K. Cogswell

Lieut.

From 4 to 6 P.M. Clear. Cold. Pleasant. Light breeze from S.W. Riding to flood. At 4.30 made interrogatory signal 4050. Flagship answered 904. At sunset mustered at quarters and served out clean hammocks. Slack water at 5.30. Swung to ebb at 6. Banked fires under four boilers. Steam pressure 25 lbs. Temp of bunkers 65°.

(Signed) Richard G. Davenport Lieut.

From 6 to 8 P.M. Clear. Cool. Pleasant. Light S.W. airs. Rising to ebb. Banked fires under four boilers. Average pressure 25 lbs. Temp of bunkers 70°.

(Signed) Wainwright Kellogg, Lieut.

From 8 to Midnight. Clear and pleasant. Light S.W. breeze. Swung to flood at 11.30. Temp of bunkers 79°. Average steam pressure 28 lbs. Distilling.

(Signed) J. K. Cogswell, Lieut.

			WINI	DS.		BAROME	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
2	E												€ 0		
A,M.															
1			SE	3		29.62	52 "	45	45		ofrq	Nimb "	0		
2			NW "	3-4				44	44		frq		2		
3			u	4-6		29.66	48	42	42		bc "	Str "	6 7		
4			ш	6		29.68	и	40	40			Cum			
5				5-6		29.69					oq	Nimb	10		
6			es	и		29.72	47	u	и		"	44	"		
7			"	и		29.74	45	ш	"		ш	ш	u		
8				"		29.76	43	"	"			и			
9				"		29.80	44				Bcq "		5		
10				"		29.82	45	42	42				8		
11 Noon			WSW S by			29.85	44	43	43				9		
Noon			W	3-4		29.86	47	46	45		b	и	и		
Distance r	run by Lo	og since pre	eceding No	on						ŀ	nots	fa	thoms.		
Latitude b	y D. R. a	at Noon									0	4		и	
Longitude	by D. R	. at Noon									0			"	
Latitude by	y Obser	vations at N	loon ⊕								0	,		ш	
Longitude	by Chro	onometer fro	om Foreno	on Obse	rvatio	ns ⊕					0	4		"	
Current du	uring the	:	knot	s		fms. per h	nour, se	tting to	the						
time Variation of	of the Co	ompass by	Amplitude	⊕ obsen	ved at	Sunrise		•			0		ı	ш	
		ompass by									0			"	
		during the p											220 d	allons	
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Water rem	naining o	on hand fit f	or me at No										1970) "	
		uring the pr									2	tons	20	lbs.	
		hand at No									63	" (640	"	
P,M.															
1			W	2		29.86	49	48	48		b		10		
2			u			29.88	50	46	45		"		"		
3			ш	и		29.90	52	50	48		"		"		
4			и	ш		29.92	53	49	"		ш		"		
5			SW	и		29.92	52	47	46		ш		"		
6			"	и		30.02	и	44	44		ш		"		
7			"	и		30.04	49	43	42		ш		"		
8			ш	и		30.05	48	44	43		"		"		
9			ш	и		30.08	46	41	40		"		u		
10			44	ш		30.10	"	40	39		ш		u		
11			ш	"		"	45	"	"		44		"		
Mid.			и	u		u	"	"	"		"		u		
Longitude	by Chro	onometer fro	om Afterno	on Obse	rvatio	ns ⊕					0	,		u	
Longitude	by Chro	onometer O	bservation	S]			0	•		ш	
		ompass by	Amplitude			ob	served	at Suns	et		0	•		ш	
Variation of	of the Co	ompass by					at				0	•		ш	

Commences and until 4 A.M. Clear. Cold. Damp. Light S.E[aster]ly breeze. Cum clouds. Riding to flood. Moon rose at 2. Banked fires under four boilers. Average steam pressure 30 lbs. Temp of bunkers 80°. Distilling.

(Signed) Richard G. Davenport, Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from S. Swung to ebb at 6. Banked fires under four main boilers. Average steam pressure 28 lbs. Temp of bunkers 74°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Partially overcast and cloudy. Wind blowing fresh from S and E, shifting to S and W. At 8.30 Flagship made preparatory 5456. Loosed sail to a bowline at 9. At 9.30 Flagship made signal 3247. General Court Martial convened at 10.05. Engaged in breaking out fore hold. At 10.30 sent Launch and 1st cutter, in charge of Boatswain, to sweep for lost anchor. At 11.15 Flagship made signal 5955 and at 11.30 furled sail. Ship riding to ebb. Flagship dragged from berth and when brought up bore N.N.W. Fires banked under four boilers. Average steam pressure 25 lbs. Temp of bunkers 68°. Distilling in operation.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Cool. Pleasant. Fresh S.W. breeze. Cir cum clouds. Riding to ebb. At 2.30 Flagship shifted her berth. At 3.45 made interrogatory 3918 to Flagship, answered 904. Banked fires under four boilers. Average steam pressure 25 lbs. Temp of bunkers 76°. Stopped distilling at 3 P.M. Lieut. J. T. Sullivan returned from leave.

(Signed) Richard G. Davenport, Lieut.

From 4 to 6 P.M. Clear. Cool. Pleasant. Light S.W. wind. Slack water at 4.05. Riding to wind. Banked fire under four boilers. At 5 turned in clean hammocks at quarters.

(Signed) Wainwright Kellogg, Lieut.

From 6 to 8 P.M. Overcast and cloudy. Light breeze from S and W, shifting to N and W. Ship riding to ebb. Average steam pressure 25 lbs. Temp of bunkers 72°. Fires banked under four boilers.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Overcast with rain and sleet. At 11 wind shifted to N. And blew in strong squalls. Let go port anchor and veered to 60 fathoms at waters edge on starboard chain and 22 fathoms on port chain. Steam pressure 25 lbs. Temp of bunkers 68°. Barometer rising.

(Signed) J. K. Cogswell, Lieut.

Control Cont					WINE	os.		BAROMI	ETER.	TI	EMPERAT	URE.	State of	Forms of		State							
Miles	Hour.	Knots.	Fathoms.		Direction.	Force.	Leeway.	in		Air Dry Bulb.	Wet	at	the Weather by	Clouds, by	Prop. of Clear Sky, in 10ths.	of the							
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, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Freezing. Snowing. Fresh breeze with occasional heave [heavy] squalls N.N.E. Nimb clouds. Riding to flood. Clear hawse. Banked fires under four boilers. Average steam pressure 25 lbs. Temp of bunkers 70°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast. Freezing. Fresh breeze with occasional moderate squalls from N. Tide turned ebb at 6. Ship swung to wind during watch. Clear hawse. Banked fires under four main boilers. Average steam pressure 25 lbs. Temp of bunkers 69°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Cloudy. Cold. Fresh breeze from N. Riding to ebb. At 8.45 brought to on port chain. Hove up port anchor. At 9.30 Flagship made general signal 8247. Comdg Officer left the ship to attend Court Martial on Flagship. Banked fires under four boilers. Average steam pressure. 25 lbs. Temp of bunkers 68°.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Cloudy, cold. Fresh N.E. breeze. Slack water at 1.30. Swung to flood at 2. Banked fires under four boilers. Average pressure 25 lbs. Temp of bunkers 68°.

(Signed) J. K. Cogswell. Lieut.

From 4 to 8 P.M. Clear. Freezing. Light breeze from N. Riding to flood. Slack water at 7. Banked fires under four boilers. Average steam pressure 25 lbs. Temp of bunkers 74°. Commenced distilling at 6.10.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Partly cloudy, and cold. Light breeze from N.N.E. Riding to ebb tide. Banked fires under four boilers. Distilling water. Average steam pressure 28 lbs. Temp of bunkers 80° .

(Signed) J. T. Sullivan.

Lieut.

Asa Walker, Lieut. Navigator.

				WINI	DS.		BAROM	ETER.	TI	EMPERAT	URE.	State of	Forms of	<u>.</u> .	State	
Hour.		gi	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	o of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Lee	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, ir	Sea.	under at end of watch.
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4				u	"		30.26	"	"	"		u	"	u		
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6				N by	"		30.30	u	28	28		bc	Cir	2		
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8				и	"		30.45	ш	"	"		ш	44	"		
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Commences and until 4 A.M. Cloudy and cold. Moderate breeze from N and W. Swung to flood at 8.30. Average steam pressure 30 lbs. Temp of bunkers 74°. Distilling.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast. Freezing. Misty. Disagreeable. Moderate N.W. by N. breeze. Cum nimb clouds. Riding to flood. Slack water at 7.15. Banked fire under four boilers. Average steam pressure 25 lbs. Temp of bunkers 74°. Distilling. At 7.30 Flagship made signal 3350.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast and cold. Light N.W. breeze. Swung to ebb at 9. At 9.30 mustered to quarters. At 9.35 Flagship made signal 8240. Answered. Banked fires under four boilers. Average steam pressure 28 lbs. Temp of bunkers 80°. Distilling.

(Signed) J. T. Sullivan. Lieut.

From Merid. to 4 P.M. Overcast and cloudy. Light breeze from N.W. At 1.15 sent Boatswain in charge of Launch and 1st cutter to sweep for port anchor. Slack water at 3.15. Average steam pressure 28 lbs. Temp of bunkers 80°. Distiller in operation. Fires banked under four boilers.

(Signed) J.K. Cogswell.

Lieut.

From 4 to 6 P.M. Overcast. Cold. Snowing during first part, afterwards partially clear and overcast. Light breeze from N.W. At 4.15 swung to flood. Fires banked under four boilers.

(Signed) Richard G. Davenport Lieut.

From 6 to 8 P.M Clear. Cold. Light breeze from S.W. Slack water at 7.30. Riding to wind. Banked fires under four boilers. Average pressure 80 lbs. Temp of bunkers 80°. Distilling. (Signed) J. T. Sullivan

From 8 to Midnight. Clear and cold. Moderate breeze from S and W. Squally. Swung to the ebb at 8. Hauled fires under two boilers. Stopped distilling at 10. Average steam pressure 30 lbs. Temp of bunkers 69°.

(Signed) J. K. Cogswell. Lieut.

Asa Walker, Lieut.
Navigator.

				WINI	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	¥	ш														
1				NNW	4	:	30.52	36	33	31		bc	Cum	4		
2				ш	u		30.50		34	"		u	Nimb "	5		
3				ш	u		30.49	и	"	"		ш	ш	6		
4				ш	u		30.49	u	ш	"		ш	ш	2		
5				ш	3		30.44	35	33	30		om	ш	0		
6				"	u			34	31	29		ш	и	u		
7				ш	u	;	30.45	33	29	и		u	ш	u		
8				"	"	;	30.40	"	28	28		u	и	"		
9				ш	u	;	30.40	u	28	30		и	u	u		
10				N	u	;	30.45	u	28	28		u	ш	u		
11				NW	2	;	30.44	34	31	30		и	ш	u		
Noon				NNW	ш	;	30.36	36	33	32		ш	ш	и		
Distan	ice ru	n by L	og since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	de by	D. R.	at Noon	-								0			u	
Longit	ude b	y D. R	. at Noon									0	4		u	
Latitud	de by	Obser	vations at N	Noon ⊕								0	4		u	
Longit	ude b	y Chro	onometer fr	om Foreno	on Obser	vations	\oplus					0	4		u	
Currer time	nt duri	ing the	:	knot	s	fm	ıs. per l	nour, se	tting to	the						
	ion of	the C	ompass by	Amplitude	⊕ observ	ed at Si	unrise					0			"	
Variat	ion of	the C	ompass by	Azimuth ⊕	observed	d at						0			u	
Water	expe	nded o	during the p	receding 2	4 hours									217 g	gallons	
Water	C	onder	sed		during	the pre	ceding	24 hour	's					93	0 "	
Water	rema	ining o	on hand fit f	or me at N	oon									219	0 "	
Coal	consu	med d	uring the pr	eceding 24	hours							2	tons	620	lbs.	
Coal r	emair	ning or	hand at N	oon								56	" 2	240	и	
P,M.																
1				NW	0-1	;	30.35	36	34	34		os	Cum Nimb	0		
2				"	0-2	;	30.34	38	35	"		u	"	u		
3				"	2			u	и	"		u	и	u		
4				"	u			39	34	33		u	ш	u		
5				ш	1-2	4	4	40	и	34		u	ш	ш		
6				W	0-1	4		"	35	"		bc	ш	5		
7				WSW	2	;	30.86	41	и	"		u	Nimb	8		
8				44	u	4	•	40	34	33		b		10		
9				ш	3	;	30.40	38	32	31		u		0		
10				"	4		30.42	37	31	31		u		u		
11				SW	5		30.44	и	и	ш		u		u		
Mid.				ш	u	;	30.44	и	и	"		ш		"		
Lonait	ude h	y Chr	onometer fr	om Afterno	on Obser	vations	⊕					0	,		"	
			onometer O]	l		0			ш	
			ompass by				ob	served	at Suns	•		0			"	
Variat	ion of	the C	ompass by					at				0			u	

Commences and until 4 A.M. Clear. Freezing. Light S.W. breeze. Bright starlight. Slack water at 2.45. Swung to flood at 3.30. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 69°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and cold. Light variable airs. Riding to flood tide. At 7.30 Flagship made general signal 2350. At 7.50 preparatory 5456, and at 8 o'clock 5456. Loosed sail to a bowline at 8 o'clock. Banked fires under two boilers. Average steam 30 lbs. Temp. bunkers 69°.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear and pleasant. Light airs from S. At 9.30 inspected at quarters and exercised 1st Div. at great guns. 2nd Div. at small arms. 3rd section of boys received instructions in seamanship. 4th section in signals. Slack water at 8.30. Ship swung to ebb at 9.00. At 11.30 Flag Ship made preparatory 4826 and 11.30 4826. Furled sail and unbent mainsail. Average steam pressure 30 lbs. Temp of bunkers 68°. Fires banked under two boilers. Court-martial in session on Flagship.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Light breeze from S. At 1.00 piped to hammocks and aired bedding. Unbent foretopsail and main topmast staysail. Riding to ebb. Slack water at 3.45. Banked fires under two boilers. Average steam 30 lbs. Temp of bunkers 68°

(Signed) Richard G. Davenport Lieut.

From 4 to 6 P.M. Clear and pleasant. Light S.W. breeze. Swung to flood at 5.30. Banked fires under two boilers.

(Signed) J. T. Sullivan Lieut.

From 6 to 8 P.M Clear and pleasant. Light breeze from S. Slack water at 7.30. Fires banked under two boilers. Average steam 30 lbs. Temp bunkers 60°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Cold. Damp. Light S.W. breeze. Cum. Str. clouds. Swinging to ebb at 8.00. Banked fires under two boilers. Average steam pressure 25 lbs. Temp bunkers 60°.

(Signed) Richard G. Davenport Lieut.

1 :- . . 4

				WIN	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	-	_														
1				SW	3		30.44	36	30	30		b.	None	10		
2				44	u		30.46	"		и		"	44	"		
3				44	u		u	35	44	ш			44	"		
4				"	u		u	34	31	31		**	"	"		
5				"	2-		u	44	30	и		b.c.	Cir	9		
6				"	1		30.40	44	29	30		ш	Nimb "	7		
7				Calm	0		30.50	35	27	29		ш	ш	"		
8				ESE	1		30.52	36	28	27		44	"	"		
9				S	u		"	"	30	28		ш	"	8		
10				ш	"		30.54	38	35	30		ш	ш	"		
11				44	2		u	39	39	33			44	"		
Noon				44	1		30.59	43	43	37			44	"		
		•	og since pre	eceding No	on						k	nots	fa ,	thoms.	44	
			at Noon									0			"	
			. at Noon									0				
			vations at N		01							0				
Longiti			onometer fro									-			-	
time	it duii	ng mc	•	knot	S	f	ms. per l	nour, se	tting to	the						
			ompass by				Sunrise					0	6	4	и	
			ompass by			at						0	6	•	"	
	exper	nded c	during the p	receding 2										217 (gallons	
Water					_	the pr	eceding	24 hour	rs							
			on hand fit f											255		
			uring the pr	-	hours							1	tons	460	lbs.	
Coain	emain	ing on	n hand at No	oon								54	4	2220		
P,M.																
1				S	2		30.46	48	48	42		b.c.	Cir.	4		
2				"	u		30.40	44	ш	44		и	Cum "	6		
3				SW	u		30.38	50	50	u		"	"	3		
4				"	3		u	"	и	u		u	"	7		
5				S	2		30.36	48	46	43		u	"	5		
6				ш	3		30.37	"	44	"		"	Cum	6		
7				"	u		u	"		41		"	Str "	"		
8				"	u		u	"	42	39		"	"	5		
9				"	u		u	44	40	40		и	"	6		
10				u	u		u	47	u	"		u		7		
11				ш	"		"	45	ш	"		"	"	8		
Mid.				ш	u		"	u	ш	ш		u	ш	11		
												0			"	
•		•	onometer fro			vation	s ⊕		_			0	4		"	
_			onometer O		S]			0	•			
			ompass by	Amplitude			ob		at Suns	et		0				
variati	on of	tne Co	ompass by					at				•			-	

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Partly cloudy and cool. Slight breeze from S.S.W. Slack water at 3.30. Fires banked under two boilers. Average steam pressure 35 lbs. Temp bunkers 74°.

(Signed) J. T. Sullivan

Lieut.

From 4 to 8 A.M. Cloudy and pleasant. Light airs from S.W. Swung to flood at 5.00. Flagship made signal 3350. Average steam pressure 25 lbs. Temp. bunkers 70° At 7.45 "Pinta" got underway.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast first part of watch. Damp. Light airs from N and E. Slack water at 9.30. Swung to ebb at 11.00. At 8.59 Flagship made preparatory general signal 6144. At 9.05 general signal 6144. Crossed Topgallant yards. "Passaic", "Montauk" and "Wyandotte" got underway and steamed for Norfolk. Engaged in scraping spars. Banked fires under two boilers. Average steam 25 lbs. Temp. of bunkers 66°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light E.N.E. breeze. Riding to ebb. At 3.00 Russian Man of War bearing a Rear Admirals flag came in sight and anchored at 3.40. At 3.45 Russian Man of War fired a national salute and was answered with a similar salute by Flagship. Immediately afterwards Russian Man of War fired a salute of 13 guns and was answered by Flagship. Banked fires under two boilers. Average steam 30 lbs. Temp. of bunkers 68° (Signed) John T. Sullivan

Lieut.

From 4 to 6 P.M. Clear and pleasant. Light airs from S. Ship swung to flood at 4.30. Fires banked under two boilers.

(Signed) J. K. Cogswell Lieut.

From 6 to 8 P.M. Clear. Pleasant. Light airs from E. Riding to flood. Banked fires under two boilers. Average steam 18 lbs. Temp. of bunkers 64°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Light S.W. airs. Swung to ebb at 9.30. Fires banked under two boilers. Average steam 30 lbs. Temp. of bunkers 73°.

(Signed) John T. Sullivan Lieut.

				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	ᇫ	ï.												E 0)		
A,M.				00144	0		00.04	45	44	40			0	-		
1				SSW "	2		30.34	45 "	41	40 "		b.c.	Cum.	5 2		
2				и	u		и		42	41		ш	44	5		
				ш	u			46 "	42	41 "		"	44			
4				CW			30.36	44	"			"	44	6		
5				SW	1		30.38	u		42			Cum.	5		
6							30.40		44	43			Str.	3		
7				ш	0-1		30.43	"	4	и		"	"	"		
8				ш	и		30.44	"	4	44		"	"	2		
9				NNE	и		30.48	44	44	43		"	"	3		
10				NE	u		u	"	42	42		ш	Cir Cum	2		
11				u	и		30.46	47	45	45		44	"	"		
Noon				E by N	"		30.44	50	48	47		ш	ш	5		
Distan	ice rui	n by L	og since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	de by	D. R. a	at Noon									0	•		u	
Longit	ude b	y D. R	. at Noon									0			ш	
Latitud	de by	Obser	vations at N	loon ⊕								0			и	
Longit	ude b	y Chro	onometer fro	om Foreno	on Obse	rvation	ns ⊕					0			ш	
Curre	nt duri	ng the	;	knot	s		fms. per	hour, se	tting to	the						
time Variat	ion of	the Co	ompass by	Amplitude	⊕ observ	ed at	Sunrise		_			0	66		и	
			ompass by									0	66		и	
			during the p											217 (allons	
Water			g			the p	receding	24 hou	rs					73		
		inina d	on hand fit f	or me at N	-	, ,-								219		
			uring the pr									2	tons	120	lbs.	
			hand at No									52		1900	"	
P,M.																
1				ENE	1-2		30.41	52	50	50		b.c.	Cir.	8		
2				44	1-2		30.41	54	49	48		"	Cum "	3		
3				44	"		30.38	53	48	4 0 "		44	"	5		
4				ESE	и		30.36	"	46	46		и	"	8		
5				E	0-1		30.38	48	41	42		и	"	7		
6				"	"		"	46	40	"		44	"	6		
7				ESE	и		и	44	41	u		и	"	0		
8				E	и		и	45	43	43		и	Str.	9		
					0		20.22		43	43		u	Cum.	9 5		
9				Calm	0		30.36	46					Str.			
10				SW	2		30.36	48		"				7		
11				"	3		30.34	"	"	"		"	"	5		
Mid.				и	u		30.30	и	ш	и		er	и	"		
Longit	ude b	y Chro	onometer fro	om Afterno	on Obse	rvatio	ns ⊕					0			ш	
-		•	onometer O						1			0	,		"	
-			ompass by				ob	served	at Suns			0	,		"	
			ompass by					at				0	,		ш	

Commences and until 4 A.M. Cloudy. Cool. Pleasant. Freshening S.W. breeze. Cir. Cum. clouds. Riding to ebb. Banked fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy and pleasant. Moderate breeze from S.W. Swung to flood at 6.00. Average steam pressure 30 lbs. Temp of bunkers 69°. Received fresh provisions for crew. Flagship made signal 3350. Distilling.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast. Cloudy. Fresh N.E. breeze. At 8.45 Russian Man of War got underweigh [underway] and steamed toward Norfolk. At 10.00 wind suddenly shifted to N. and E. Held survey on catamaran. Slack water at 10.30. Swung to ebb at 11.00 Banked fires under two boilers. Average pressure 35 lbs. Temp of bunkers 78°. Distilling.

(Signed) John T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast and cloudy. Light breeze from N. and E. Ship ridding [riding] to ebb. At 3.30 brig "Pinta" arrived from Norfolk. Average steam pressure 35 lbs. Temp of bunkers 78°. Stopped distilling at 12.15. Fires banked under two boilers.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Light N.E. airs. Slack water at 4.15. Swung to flood at 4.50. Ensign S. C. Lemly reported for duty, by order Rear Admiral Trenchard. Rich. Beale (Mach) John McAndle (S.C.F.) Walter Carter (1.C.F.) Wm. D. Saddle (2.C.F.) Michael Gerry (2.C.F) Fred Cashman (1.C.F.) and Thomas Curley (2.C.F.) returned from temporary duty on "Montauk". Received from Navy Yard Norfolk. 150 fathoms of 4 inch 4 strand hemp. And 60 fathoms 4 1/2 inch 3 strand hemp. Banked fires under two boilers. Average steam pressure 24 lbs. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast. Light N. E[aster]ly airs. Swing to ebb at 9.45. Fires banked under two boilers. Average steam pressure 35 lbs. Temp of bunkers 75°.

(Signed) Jn. T. Sullivan Lieut.

				WINE	os.		BAROM	ETER.	1	EMPERAT	JRE.	State of	Forms of	. .	State	
Hour.		ró.	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. o Sky, in	Sea.	under at end of watch.
	Ā	Œ												200		
A,M.													Cir.			
1				SW	3		30.26	48	42	42		b.c.	Cum	9		
2				ш	3-4		30.25	"	45	45		ш	ш	4		
3				ш	4-5		30.24	49	48	48		ш	ш	3		
4				"	4-6		"	"	30	50		ш	"	1		
5				"	5		30.20	50	49	48		и	Cir. Str	5		
6				u	u		u	"	48	44		и	ш	4		
7				"	4		30.18	"	"	"		u	"	3		
8				W	"		"	"	"	"		u	"	1		
9				N by W	u		30.20	51	49	50		и	"	u		
10				NNE	u		u	"	46	47		ш	"	u		
11				"	4		30.21	50	44	45		o.c.	Nimb.	0		
Noon				NE	"		"	48	43	44		o.c.r.	"	"		
•									.0			0.0				
Distar	ice rur	n by L	og since pre	eceding No	on							knots	fa	thoms.		
Latitu	de by I	D. R. a	at Noon									0			и	
Longi	ude b	y D. R	at Noon									0			и	
Latitu	de by	Obser	vations at N	Noon ⊕								0			ш	
Longi	ude b	y Chro	onometer fr	om Foreno	on Obsei	vation	ıs ⊕					0	•		и	
Curre	nt duri	ng the)	knot	s	f	ms. per	hour, se	tting to	the						
time Variat	ion of	the C	ompass by	Amplitude (⊕ observ	ed at	Sunrise					0	u		и	
			ompass by									0	u		и	
			during the p											217 (gallons	
Water			3	3		the pr	receding	24 hou	rs					`	u	
		ining o	on hand fit f	or me at No	-		3							255	5 "	
			uring the pr									1	tons	660	lbs.	
			n hand at N									51		1260	u	
		•														
P,M.																
1				NNE	2-3		30.25	48	44	44		O.C.	Cum Nimb	0		
2				"	u		30.23	"	*	44		44	"	u		
3				"	u		30.22	47	43	u		u	ш	"		
4				"	u		ш	"	*	43		u	"	u		
5				ENE	1-2		ш	46	*	42		0.	"	u		
6				Calm	0		30.21	"	41	41		u	"	u		
7				"	u		ш	"	*	"		u	"	u		
8				"	u		ш	"	*	"		u	"	u		
9				NE	0-1		"	"	"	"		"	Nimb.	"		
10				ш	"		"	"	"	"		o.f.	"	"		
11				ш	"		"	"	"	"		"	"	"		
Mid.				ш	u		30.18	"	"	44		u	ш	"		
Longi	ude b	y Chro	onometer fr	om Afterno	on Obse	rvation	ns ⊕					0			и	
Longi	ude b	y Chro	onometer O	bservations	3]		0	•		"	
Variat	ion of	the C	ompass by	Amplitude			ob	served	at Suns	set		0	•		ш	
Variat	ion of	the C	ompass by					at				0	•		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and calm. Riding to ebb. Average steam pressure 35 lbs. Temp bunkers 74°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Overcast. Cold. Damp. Calm first part of watch. Light N. By E. breeze latter part. Cum. Nimb. clouds. Slack water at 4. Swung to flood at 4.45. Banked fires under two boilers. Average steam pressure 25 lbs. Temp bunkers 76°. At 7.30 Flagship made 3350.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Overcast and cool, foggy last hour. Light wind from N.E. Cum. Nimb. clouds. Slack water at 10.30. Swung to ebb at 11.00. Divisional inspection at 9.30. Commanding Officer inspected ship and crew at quarters at 9.45. Called all hands to muster at 10.00 and read prayers. Banked fires under two boilers. Average steam pressure 25 lbs. Temp bunkers 70° (Signed) Sam. C. Lemly Ensign

From Merid. to 4 P.M. Partly overcast. Light breeze from N. and E. At 1.00 P.M. visiting party left ship for U.S.S. "Hartford". Party returned at 3.00. Also received on board visiting party from "Hartford". Ship riding to ebb. Steam pressure 30 lbs. Temp. bunkers 70°. Fires banked under two boilers.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast with light airs from N. and E. At 4.40 Flagship made general signal 2985. Slack water at 5.30. Swung to flood at 6.30. At 4.45 started distilling. Banked fires under two boilers. Average steam pressure 21 lbs. Temp of bunkers 73°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast and cool, with light E[aster]ly airs. Slack water at 11.15. Fires banked under two boilers. Distiller in operation. Steam pressure 30 lbs. Temp of bunkers 80°. (Signed) Sam. C. Lemly, Ensign.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va.

		WIN	DS.		BAROME	TER.	TE	EMPERAT	URE.	State of	Forms of	٠.	State	
Hour.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	L											- "		
A,M. 1		NE	1		30.30	44	41	41		or	Nimb	0		
2		"	"		"	"	"	"		"	"	"		
3		u	2		"	и	и	ш		ш	u	u		
4		и	"		30.28	"	"	"		ш	u	"		
5		NNE	u		30.24	43	42	ш		66	и	u		
6		и	u		"	u	ш	ш		и	u	u		
7		u	"		30.22	ш	ш	"		orf	u	u		
8		u	u		u	u	ш	ш		ш	и	u		
9		и	1-2		30.21	44	ш	"		u	и	u		
10		и	0-1		30.18	"	"	"		66	u	"		
11		NNW	u		"	46	43	42		es	и	u		
Noon		и	"		30.17	ш	ш	ш		of	u	u		
D: 1											,			
Distance run by		receaing No	oon						K	nots	ta	ithoms.	44	
Latitude by D. I										0			"	
Longitude by D		Noon @								0			"	
Langitude by CD			on Ohser	vation	ns 🕀					0			"	
Current during							#ina to t	la a						
time		Kno			fms. per h	iour, se	ung to t	ne		0			"	
Variation of the					Sunrise					0			"	
Variation of the				a at										
Water expende Water Cond	densed	preceding 2		the n	receding 2	24 hour						225 g 730		
Water remainir		for me at N	_	ille p	receding 2	24 HOUI	3					2190		
Coal consumer										1	tons	260	lbs.	
Coal remaining										49		420	"	
	,													
P,M.														
1		Calm	0		30.12	47	43	42		of	Nimb	0		
2		и	"		30.10	"	"	"		ш	u	"		
3		SW	0-1		30.08	и	44	43		ш	и	u		
4		и	и		ш	u	ш	44		u	и	u		
5		SSW	u		30.06	46	43	"		и	и	u		
6		u	u		"	ш	ш	44		и	и	u		
7								u						
8			1		30.04	47	44				 Cum			
9		ű	2		30.02	48	46	44			Nimb	ű		
10		и	3		29.99	49	48	46		ш	ш	u		
11		SW	3-5		29.97	52	50	48		bc "		2		
Mid.		и	4-7		29.94	53	53	50		u	ш	u		
Langitude 5: 0	`h====================================	iram Aft	on Ob -	n (n.t.) -						0			es	
Longitude by C				vatioi	is 🕀					0				
Longitude by C					ماء	non : a al	ot Supor			0		4		
Variation of the					ODS	served : at	at Sunse	υl		0		,	"	
Variation of the	. Compass by	'				aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and rainy. Light airs from N and E. Swung to ebb tide at 12.05. Fires banked under two boilers. Average steam 27 lbs. Temp of bunkers 74°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast. Continuous rain. Light breeze from N and E. Foggy. Swung to the flood at 5.30. Average steam pressure 25 lbs. Temp of bunkers 65°. Distilling.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast. Foggy. Rainy. Last hour light airs from N and E, shifting to N. and W. Slack water at 10.30. At 11.30 swung to the ebb. Fires banked under two boilers. Average steam pressure 30 lbs. Temp of bunkers 80°. Stopped distilling at 11.40.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast and foggy, calm first half, light airs from S.W. second half of watch. Shipped port accommodation ladder. Fires banked under two boilers. Steam pressure 30 lbs. Temp of bunkers 80°. Riding to ebb tide.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast and foggy with light airs from S and W. Riding to ebb. Slack water at 6. Swung to flood at 7.45. Banked fires under two boilers. Average pressure 22 lbs. Temp of bunkers 80°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Overcast. Warm. Very foggy with light airs from S and W. Riding to flood and across tide first part of watch. Swung to ebb at 11.45f. Freshening wind with occasional warm puffs from S.W. Banked fires under two boilers. Temp of bunkers 70°. Average steam pressure 25 lbs.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va.

				WINE	DS.		BAROME	TER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		gi	Courses steered.	Direction.	Force.	Leeway.	leight	Ther.	Air	Air	Water	the Weather	Clouds, by	in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				in Fee	in ches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. o Sky, ir	Sea.	under at end of watch.
A M	-	_														
A,M.				00144	0.5	0/		50	54	54		h	Cum	0		
1				SSW	3-5	29	9.90	53	51	51		bcqm	Nimb	6		
2				u	3-4	и				и		cqm	**	0		
3				" SW	3-5	и		54	53	53		ш	**	"		
4				by S	"	u		"	"	ш		66	"	u		
5				и	"	u		"	54	54		bcq	"	2		
6				и	u	29	9.92	55	"	ш		44	44	u		
7				и	"	29	9.94	56	55	55		ш	"	1		
8				и	"	29	9.96	57	56	56		ш	"	"		
9				WSW	u	30	0.00	58	57	57		omq	44	u		
10				u	3	30	0.04	"	"	56		ш	44	u		
11				SW	2	u		"	"	57		of	"	0		
Noon				u	u	"		50				haf	Cir	2		
								59	55	55		bcf	Cum Nimb	2		
Distan	ce rur	n by L	og since pre	eceding No	on						kr	nots	fa	thoms.		
Latitud	le by l	D. R. a	at Noon									0			"	
Longit	ude b	y D. R	. at Noon									0	•		ш	
Latitud	le by	Obser	vations at N	loon ⊕								0			"	
Longit	ude b	y Chro	nometer fro	om Foreno	on Obser	vations @	Ð					0			"	
Currer	nt duri	ng the	:	knot	s	fms	. per h	nour, se	tting to	the						
time Variati	on of	the Co	ompass by	Amplitude (⊕ observ							0	44		"	
			ompass by									0			и	
			luring the p											225.0	gallons	
Water	СХРСІ	ilucu (raining the pr	receding 2		the prec	edina	24 houi	's					220 §	"	
	remai	inina d	on hand fit fo	or me at No	_	tile piec	cuilg	L+ Hou	•					255	5 "	
			uring the pre									1	tons	1160	lbs.	
			hand at No		110410							47		1500	"	
oou		g o.														
P,M.																
1				W by	1-2	30	0.02	60	63	62		bcf	Cum	1		
				N WNW		"	J.02					"	Nimb "			
2				NW	0-1	u		62 66	61	61		a.f	"	0		
3					U-1 "	20						of "	"	"		
4				NNW "			0.06	63	57	58		h	"			
5				N.	1		0.08	59	55	56		bcm "	"	4		
6				N	4.0		0.12	57	53	54		u	"	2		
7				NNE "	1-3		0.16	56		53		,	"	6		
8					3		0.20	55	51	52		fc "		7		
9					2		0.30	54	50	50				1		
10							0.34	52 "	47	47				3		
11							0.34		46	46				2		
Mid.				-	-	30	0.88	44	-	-		-	-	3		
1	اصاما	Ob.		A 64	an Ot	untin 1						0			44	
_			onometer fro			vations (Ы					0				
-			nometer O		5		,]			0				
			ompass by i	Amplitude			ob		at Suns	et		0				
Variati	on of	the Co	ompass by					at				U	•		44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy but pleasant. Wind fresh in squalls from S.W. Sea moderate. Ship riding to ebb tide. Fires banked under two boilers. Steam 25 lbs. Temp of bunkers 68°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Cloudy and warm. Wind squally from S and W. Swung to flood at 7.45. Banked under two boilers. Average steam 25 lbs. Temp of bunkers 85°. At 7.30 Flagship made signal 3350.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and foggy. Fresh breeze from S. and W. during first two hours. Increasing during last two. At 9.30 inspected at quarters. Exercised 1st Div. small arms, 2nd Div single sticks. Fourth section of boys received instruction in seamanship after quarters. Ship riding to flood. Slack water at 11.30. Average steam 25 lbs. Temp of bunkers 76°. Fires banked under two boilers.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Foggy. Warm. Light airs from N and W. Swung to ebb at 12.30. At 3.30 Flagship fired salute of 13 guns in honor of Russian Admiral. Board of Survey composed of C.H. Black, Lt B.F. Tilley and Gunner Albev came aboard to examine state of magazine flood cock and hose. At 3.45 hoisted pilot flag at fore. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 74°. By order of Rear Admiral Trenchard, Midshipman R. Henderson was detached from temporary duty aboard "Pinta" and ordered to resume his duties aboard this ship.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Cloudy first part, wind hauling from N.W. to S.W. and sky clearing towards close of watch. Cum. Nimb clouds, barometer rising. At 4.05 Pilot came onboard. Scraped top of hammock rails. Hoisted smoke pipe. Fires banked under two boilers. Commenced distilling at 6. Temp of bunkers 74°. Steam 25 lbs. Slack water at 6. Swung to flood at 6.30.

(Signed) Sam. C. Lemly, Ensign.

From 8 to Midnight. Cloudy first hour, afterwards clear. Moderate breeze from N. and E. Swung to the ebb at 11.45. Average steam pressure 25 lbs. Temp of bunkers 72°. Distiller in operation.

(Signed) J. K. Cogswell

Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Anchor off Hospital Wharf Norfolk Va.

				WINE	DS.		BAROME	TER.	TE	EMPERATI	JRE.	01-11	France of		04-4-	
Hour.	ots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots	Fatt					mones.		Daib.	Duib.	Surios.	aymbola.		S. P.		
A,M.				NE	0		20.00	40	45	40		h -	Cum	-		
1				by E	3		30.06	49	45	40		bc	Nimb	7		
2				NE by N	4		30.41	u	40	43		"	ш	и		
3				N	3-5		30.42	47	43	ш		bcq	и	8		
4				44	3		30.44	45	"	и		44	ш	u		
5				NNE "	u		30.48	44	"	ш		bc "	u	7		
6				 NE			30.54	"	"	40			и	8		
7				by N	4		30.56	43	40	u		"	и	2		
8				NNE	u		"	"	41	44		"	ш	1		
9				и	3		30.60	44	42	ш		"	и	2		
10				" NE	и		30.62	ш	43	42		0				
11				by N	2-3		30.64	46	45	44		"	и	и		
Noon				NE by E	u		u	ш	44	ш		66	и	u		
				- ,												
				eceding No	on							knots o	fa	athoms.		
Latitude I												0			"	
Longitude				0								0		,		
			ations at N		an Ohaa		0					0				
Current of			iometer ire	m Foreno												
time				knot			fms. per h	iour, se	tting to t	he		0				
				Amplitude			Sunrise					0			"	
				Azimuth ⊕		d at						Ü				
				receding 24		. 41		0.4 h	_					225 g		
Water		ndens				tne p	receding :	24 nour	S					730	1	
				or me at No eceding 24								4	tons	2190 1140	lbs.	
			hand at No		Tiours							43		360	"	
P,M.													Cum			
1				ENE	3		30.68	46	44	44		or	Nimb	0		
2				N by E	2-3		30.62	u	44	"		orf	"	u		
3				NNE	u		и	и	ш	43		ш	44	u		
4				"	"		30.64	47	44	48		44	"	u		
5				N	u		u	и	ш	"		ш	и	u		
6				N by W	"		30.66	"	"	"		ш	"	u		
7				NW	u		30.64	48	"	"		44	"	u		
8				44	3		30.62	47	42	42		ш	44	u		
9				N	"		u	u	41	41		or	Nimb	u		
10				N by E	3-4		30.64	u	44	40		orq	и	u		
11				NNE	3		u	46	44	44		od	u	u		
Mid.				ENE	2		u	u	40	41		44	и	и		
-				om Afterno		rvatio	ns ⊕					0		4	44	
•				bservations	S]			0			и	
			mpass by A	Amplitude			ob		at Suns	et		0			"	
variation	of th	ie Coi	mpass by					at				ŭ		-	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cold. Damp. Moderate N.E[aster]ly breeze, Cum Nimb clouds. Swung to ebb at 1.30. Banked fires under four boilers. Average steam pressure 23 lbs. Temp of bunkers 73°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and cool, with moderate breeze from N.E. Clouding over last hour. At 4 o'clock started fires under four boilers. Average steam pressure 25 lbs. Temp of bunkers 70°. Distiller in operation. At 4.30 a side wheel steamer anchored abreast this ship and burned carbon light, green, white and red. Flagship answered. At 7.30 "Hartford" made 3350, answered. (Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Overcast and cool. Light breeze from N and E. Riding to flood. At 8.35 brought to starboard chain and hove in to 30 fathoms. At 9 pilot came aboard. At 9.30 Rear Admiral Trenchard came aboard. Hoisted his flag. At 9.35 got underway. At 10.55 came to anchor off hospital wharf in 3 3/4 fathoms water veered to 15 fathom chain. Admiral visited "Svetlana", she saluted with 13 guns. "Powhatan" returned with 13 guns. Lieut. W. Kellogg returned from leave. Draft of ship forward 13 feet. Aft 14 feet 6in. Banked fires under all boilers. Average steam pressure 60 lbs. Temp of bunker 56°.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Overcast cloudy and rainy. Light breeze from N. and E. Ship riding to ebb. At 1.40 Admiral Trenchard left ship and at 1.45 hauled down flag. Average steam 55 lbs. Temp of bunkers 90°. Fires banked fires under all boilers.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Rainy. Misty. Light N[orther]ly breeze. Made interrogatory 4890. At 4.20 in answer, "Powhatan" made signal 904. Got underway at 4.30, steamed up to Navy Yard. At 6.45 secured head and stern to mooring buoys. Banked fires. Average pressure 55 lbs. Temp of bunkers 95 lbs. At 6.45 pilot left the ship.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast and rainy with moderate N.E[aster]ly breeze, first hour falling to light and hauling to E. Allowed fires to die out in six and banked fires in two remaining boilers. Distiller in operation. Average steam 30 lbs. Temp of bunkers 93°.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut.

Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va.

				WINE	os.		BAROME	TER.	TE	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Ā	Œ												E 07		
A,M.				NE	•		20.04	45	40	44			Nimolo			
1 2				NE N	3		30.64	45 44	40 39	41 39		omt "	Nimb "			
3				NNW	2		30.65	43	38	38		or	44			
4				"	"		"	"	"	"		"	44			
5				и	u		"	42	39	"		"	ш			
6				и	"		30.66	"	"	39		0	44			
7				N	"		"	"	40	40		or	и			
8				"	и		u	u	41	"		"	44			
9				ш	u		30.67	44	и	"		ш	44			
10				u	"		"	"	ш	"		ш	44			
11				NNE	"		30.68	"	42	41		ш	44			
Noon				и	u		30.68	u	ш	44		ш	и			
•																
Distan	ce run	by Lo	g since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	le by [D. R. a	t Noon									0			"	
Longit	ude by	y D. R.	at Noon									0			u	
Latitud	le by (Observ	ations at N	loon ⊕								0	•		"	
-				om Foreno	on Obse	rvatio	ns ⊕					0	•		ш	
Currer time	it durii	ng the		knot	s		fms. per h	our, se	tting to t	he						
Variati	on of	the Co	mpass by	Amplitude	⊕ observ	ed at	Sunrise					0		ı	ш	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0			u	
Water	exper	nded d	uring the p	receding 2	4 hours									225 (gallons	
Water					during	the p	receding	24 hour	S						u	
Water	remai	ining o	n hand fit f	or me at No	oon									255	5 "	
Coal c	onsun	ned du	ring the pr	eceding 24	hours							1	tons	1160	lbs.	
Coal re	emain	ing on	hand at No	oon								41	" .	1440	и	
5.44																
P,M.				NINIE	0.4		20.00	40	40	40			Nimolo	0		
1 2				NNE "	0-1		30.60	40	43 42	42		or "	Nimb "	0		
3				ш	"		30.58	47	44	43		44	44	"		
4				и	u		30.57	48	45	44		"	ш	"		
5				и	1		30.54	49	"	"		od	44	"		
6				ш	u		"	50	ш	44		d	ш	"		
7				и	"		"	"	ш	"		"	и	"		
8				NNW	и		u	u	ш	"		44	44	"		
9				u	"		30.55	49	44	43		"	44	"		
10				NW	"		30.56	48	42	42		om	"	"		
11				u	"		30.55	u	ш	44		u	ш	и		
Mid.				"	"		30.54	u	43	42		"	u	"		
Longit	ude by	y Chro	nometer fro	om Afterno	on Obse	rvatio	ns ⊕					0			u	
Longit	ude by	y Chro	nometer O	bservations	3]			0			u	
Variati	on of	the Co	mpass by	Amplitude			ob	served	at Sunse	et		0			u	
Variati	on of	the Co	mpass by					at				0			и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Rainy. Cold. Disagreeable. Light airs from S and W. Banked fires under two boilers. Average pressure 35 lbs. Temp of bunkers 105°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast, cool, rainy. Light breeze from N. Flood tide. Banked fires under two boilers. Steam 20 lbs. Temp of bunkers 65°. Distilling.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast. Cold. Rainy. Light breeze from N. At 8.45 fished starboard anchor. Sent starboard watch ashore on liberty at 9. Shackled port bower chain to port sheet anchor and paid below. Slack water at 11.45. Banked fires under two boilers. Average steam pressure 27 lbs. Temp of bunkers 90°. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast, cloudy and rainy. Light airs from N and E. Tide turned ebb at 12.30. Fires banked under two boilers. Average steam pressure 28 lbs. Temp of bunkers 90°. Distiller in operation.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Overcast with light airs from N.N.E. veering to N.N.W. last hour. Barometer steady. Fred Wolfinger (Boy) and Robert Landon (Boy) returned from liberty in good condition. Rigged in port lower boom at sunset. Stopped distiller at 6.55. Average steam pressure 26 lbs. Temp of bunkers 87°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast. Misty. Wet. Light airs from N and W. Steam pressure 30 lbs. Temp of bunkers 78°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va.

				WINI	os.		BAROME	ETER.	TI	EMPERAT	URE.	State of	Forms of	<u>.</u> .	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_	_														
1				SSW	1		30.52	47	43	43		om	Nimb	0		
2				"			30.57	"	"	"		"	"	"		
3				ш	0-1		"	"	ш	"		44	44	"		
4				SW	"		30.50	46	44	"		44	66	"		
5				ш	1		"	"	44	"		"	44	"		
6				Calm	0		30.58	"	ш	44		"	44	"		
7				ш	"		u	47	45	40		of	66	"		
8				NNE	1		u	48	"	44		44	66	"		
9				ш	"		"	"	ш	u		"	66	"		
10				W	u		30.46	"	ш	"		"	44	"		
11				"	u		u	"	ш	"		"	44	"		
Noon				SSW	u		u	"	ш	"		"	**	"		
Distan	ce rur	by Lo	g since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	le by I	D. R. a	t Noon									0		4	"	
Longit	ude by	y D. R.	at Noon									0		4	"	
Latitud	le by (Observ	ations at N	loon ⊕								0		4	"	
-				om Foreno	on Obse	rvatio	ns ⊕					0		4	"	
Currer time	it duri	ng the		knot	s		fms. per h	nour, se	tting to t	he						
	on of	the Co	mpass by	Amplitude	⊕ observ	ed at	Sunrise					0		ш	"	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0		4	"	
Water	exper	nded d	uring the p	receding 2	4 hours									224 g	allons	
Water	C	onden	sed		during	the p	receding	24 hour	'S					730) "	
Water	remai	ining o	n hand fit f	or me at N	oon									2190	"	
Coal c	onsur	ned du	iring the pr	eceding 24	hours								tons	2200	lbs.	
Coal re	emain	ing on	hand at No	oon								40	и	1480	u	
P,M.												_				
1				SW	0-1		30.40	49	46	46		of "	Nimb "	0		
2				Calm	0		30.36	50 "	47	47				"		
3					"		u		"	"				"		
4				"	"			51 "	4	"		"	"	"		
5				"	u		30.34	и		40		"	"	"		
6				005					48	48		"	"	"		
7				SSE "	0-1		30.30	53	"	"		"	"	"		
8 9				Calm	0		и	44	49	u		u	66	"		
							20.20	44	49	40		u	"	"		
10 11				SSE "	0-1		30.29	"		49 48		ш	ш	"		
11 Mid				"	u		30.26		48	48		ш	ш	"		
Mid.							30.24	52								
Longiti	ıde h	v Chro	nometer fr	om Afterno	on Ohse	rvatio	ns ⊕					0		4	"	
_				bservation		· valiO	11 3 (i)		1			0		4	"	
-			mpass by		-		ch	seniad	ر at Suns			0		4	"	
			mpass by	, ampilitude			JD	at	at ouris	υ ί		0		4	"	
vandli	011 01		iiipass by					aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Cool. Misty. Nimb clouds. Light SW[ester]ly breeze. Flood tide. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 82°.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Foggy. Calm. Banked fire under two main boilers. Steam pressure 23 lbs. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast and foggy with light variable airs. Commanding Officer paid official visit to Russian Admiral onboard the "Svetlana". Towed ash lighter alongside and dumped ashes. Fires banked in two boilers. Average steam pressure 25 lbs. Temp of bunkers 72°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Overcast and foggy. Calm. Banked fires under two forward starboard boilers. Average pressure 30 lbs. Temp of bunker 83°.

(Signed) J. T. Sullivan. Lieut.

From 4 to 8 P.M. Overcast and foggy. Calm during first part. Light airs from S. and E. during last hour. Fires banked under two boilers. Average steam pressure 25 lbs. Temp of bunkers 76°.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast and foggy. Light airs from S and E. Tide changed flood at 10. Steam in two main boilers. Average steam pressure 25 lbs. Temp of bunkers 76°.

(Signed) Wainwright Kellogg Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va.

				WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_	_														
1				SSE	3		30.20	51	48	48		of	Nimb	0		
2				"	2		30.18	"		и		44	u	"		
3				"	u		30.16	44	44	ш		44	"	"		
4				ш	u		30.12	"	49	49		44	"	"		
5				"	u		30.08	u	50	50		"	ш	"		
6				SSW	"		30.04	"	51	51		"	"	"		
7				"	u		30.00	53	53	53		ofr	"	"		
8				ш	3		29.98	55	56	56		ос	"	"		
9				ш	"		29.94	57	58	58		"	"	"		
10				ш	3-4		29.92	60	61	60		"	Cum	1		
11				ш	u		29.96	62	63	62		"	Nimb "	"		
Noon				ш	u		29.86	68	65	64		"	"	"		
							20.00	00	00	٠.						
Distan	ce rur	n by Lo	og since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	le by	D. R. a	at Noon									0			"	
Longit	ude b	y D. R	. at Noon									0			"	
Latitud	le by	Obser	vations at N	loon ⊕								0			"	
-		-	nometer fro	om Foreno	on Obser	vatior	ns ⊕					0	•		ш	
Currer time	nt duri	ng the		knot	s	1	fms. per l	hour, se	tting to	the						
	on of	the Co	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0	66		ш	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	l at						0	66		ш	
Water	expe	nded d	luring the p	receding 2	4 hours									225 (gallons	
Water					during	the p	receding	24 hour	rs						u	
Water	rema	ining c	n hand fit f	or me at N	oon									255	5 "	
Coal c	onsur	med dı	uring the pr	eceding 24	hours								tons	1900	lbs.	
Coal re	emain	ning on	hand at No	oon								38	" 1	1820	"	
P,M.																
1				SSW	3-5		29.83	69	69	65		bcq	Cum	1		
2				"	3-4		29/79	68	"	66		"	Nimb "	"		
3				ш	3-5		29.78	69	и	69		44	ш	"		
4				SW	"		£3.70 "	70	ш	"		4.	ш	"		
5				SW	u		29.84	69	68	67		or	Cum	0		
				by W			23.0 4						Str	"		
6				14/014/	2-3			68	67	66 "		0	"	"		
7 8				WSW "	ш		29.85 29.88	"	ш	"		u	"	"		
9				ш	2			67	65	6E		or	ш	"		
9 10				"	∠ 1-2		29.90	67 66	65	65 "		or "	"	"		
11				"	1-2		29.91 29.96	"	64	64		org	"	"		
Mid.				NNE	6-7		29.96	65	61	62		orq "	ш	u		
ivilu.				ININE	0-1		23.31	υυ	υı	UΖ						
Longit	ude b	y Chro	nometer fro	om Afterno	on Obser	vatior	ns ⊕					0			и	
Longiti	ude b	y Chro	nometer O	bservation	S]			0			"	
Variati	on of	the Co	ompass by	Amplitude			ob	served	at Suns	et		0	,		"	
Variati	on of	the Co	ompass by					at				0	,		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Foggy and damp, with light wind from S.S.E. Barometer falling slowly. Fires banked in two boilers. Average steam pressure 25 lbs. Temp of bunkers 72°.

(Signed) Sam. C. Lemly

Ensign.

From 4 to 8 A.M. Overcast, foggy and rainy. Light S.S.W[ester]ly airs. Fires banked under two boilers. Average pressure 25 lbs. Temp of bunker 70°.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast, cloudy and foggy during first hour. Fresh breeze from S.S.W. Lieut. Walker reported return from leave. Fires banked under two boilers. Average steam pressure 25 lbs. Temp of bunkers 76°. Francis Norton (2.C.F.) and Benj O. Low (Sch Mr) absent without leave.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Warm. Squally from S.S.W. At 2 Benj O. Low (Sch Mr) was brought aboard by police, to whom a reward of ten dollars was paid. Captain Z__ and Comdr Kain U.S.N. officially visited ship. Lieut. Cogswell left ship on leave of absence for one week. By order of Commanding Officer Benj O. Low (Sch Mr) was placed a prisoner at large for absenting himself without leave, while in the execution of his duty. Got out another stern fast. Ebb tide. Banked fires under two boilers. Average steam pressure 20 lbs. Temp coal bunkers 76°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast, warm with occasional rain showers. Moderate breeze from S and W. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 76°. Barometer rising.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Overcast, raining. Light breeze from W.S.W. Rained very hard from 10.40 to 11.05. Banked fires under two boilers. Average pressure 20 lbs. Temp of bunkers 72°. Wind suddenly shifted to fresh N.N.E. squalls at 11.50.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va.

				WINI	DS.		BAROMI	ETER.	TI	EMPERAT	URE.	State of	Forms of		State	
Hour.	ai.	SIMS.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry	Air Wet	Water at	the Weather by	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots	Fathoms.				ٽ	inches.		Bulb.	Bulb.	surface.	symbols.		Prop Sky,		under at end of watch.
A,M.																
1				NNE	3		30.03	60	53	54		ocr	Nimb	0		
2				44	и		30.06	57	**	u		ос	и	u		
3				NE	ш		30.08	"	"	53		44	**	"		
4				u	0-1		30.12	"	a	ш		и	и	u		
5				44	u		30.14	53	51	51			и	"		
6				и	1		30.19	52	49	49		ш	и	u		
7				u	2		30.24	"	48	47		"	и	"		
8				"	"		30.28	48	47	48		u	u	"		
9				"	"		30.32	"	46	46		-	"	"		
10				"				49 "	48	47 "		ocr				
11 Noon				u	3		30.34	"				ocqd "		u		
					3-5				45	45						
Distan	ce rur	n by Lo	ng since pre	eceding No	on						k	nots	fá	athoms.		
			t Noon									0		4	"	
Longit	ude b	y D. R.	. at Noon									0		4	44	
Latitud	de by (Observ	vations at N	Noon ⊕								0		4	"	
Longit	ude by	y Chro	nometer fr	om Foreno	on Obse	rvatio	ns ⊕					0		4	"	
Currer time	nt duri	ng the		knot	s		fms. per l	nour, se	tting to t	the						
	on of	the Co	mpass by	Amplitude	⊕ obsen	ed at	Sunrise					0		ш	"	
Variati	on of	the Co	mpass by	Azimuth ⊕	observe	d at						0		u	"	
Water	exper	nded d	uring the p	receding 2	4 hours									217 g	allons	
Water					during	the p	receding	24 hour	s						"	
Water	remai	ining o	n hand fit f	or me at N	oon									2190) "	
Coal c	onsur	ned du	iring the pr	eceding 24	hours								tons	2100	lbs.	
Coal re	emain	ing on	hand at N	oon								37	u	1960	44	
D.M.																
P,M.				NE	2.4		20.25	40	4.4	40			Nimala	0		
1 2				NE NNE	3-4 4-5		30.35 30.34	48	44	43 44		ocrq "	Nimb "	0		
3				ENE	4-J		"	"	45	"		ocq	"	и		
4				"	1-2		"	"	46	45		oc	"	u		
5				ш	2		30.38	49	44	44		ocr	ш	u		
6				44	1-2		30.39	50	45	45		"	44	u		
7				"	u		30.40	"	46	"		ос	"	u		
8				u	ш		"	"	47	46		u	"	"		
9				NE	2		u	49	"	"		ocr	"	"		
10				"	3		и	"	45	45		ű	и	u		
11				44	ш		и	"	u	"		ш	и	"		
Mid.				"	"		"	"	"	"		"	и	"		
-				om Afterno		rvatio	ns ⊕					0		•	66	
-				bservation	S]			0				
				Amplitude			ob		at Suns	et		0				
Variati	on of	the Co	mpass by					at				Ü		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Rainy. Moderate N.E[aster]ly breeze. Nimb clouds. Flood tide. Banked fires under two boilers. Average steam pressure 25 lbs. Temp coal bunkers 70°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast, gloomy with occasional slight showers of rain. Moderate breeze from N and E. Flood tide during watch. Banked fires under two main boilers. Average steam pressure 20 lbs. Temp of bunkers 78°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Overcast and cloudy with light rain. Wind fresh in squalls from N.E. Running flood tide. Fires banked under two boilers. Average steam pressure 20 lbs. Temp of bunkers 64°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Overcast, rainy, cloudy and squally. Fresh breeze from N and E. Ebb tide. Banked fires under two boilers. Average pressure 20 lbs. Temp of bunkers 64°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast. Disagreeable. Rainy. Light airs from N. and E. Ebb tide. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 66°. Distiller in operation.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast and cloudy, with light N. E[aster]ly breeze, and continuous rain. Fires banked under two boilers. Average steam 20 lbs. Temp of bunkers 68°. Distiller in operation. By order of Commanding Officer, gave Walter Thomas (Lds) 1 1/2 hours extra duty for neglect of duty.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va.

				WINE	DS.	BAF	OMETER.		TEMPERAT	ΓURE.	State of	Forms of		State	
Hour.		ø	Courses steered.	Direction.	Force.	γ Heigh	Ther.	Air	Air	Water	the Weather	Clouds, by	o. of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Feeway in inches	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
	Y	ш													
A,M.															
1				ENE "	2	30.4		44	44		or "	Nimb "	0		
2				"		30.4	,				u				
3				N.E.	1-2		46				-	-			
4				by E.	"	30.3	7 "	44	ш		u	66	и		
5				NNE	"	30.3	5 45	41	42		и	и	u		
6				N	"	30.3	44	"	41		и	и	u		
7				N by W	"	"	"	40	40		ш	66	u		
8				NNW	"	"	42	39	39		ш	44	"		
9				NNE	2	30.3	3 "	40	40		44	ш	u		
10				ш	2-3	30.3	7 43	39	39		44	ш	u		
11				ш	3-4	30.3	9 "	u	**		44	ш	"		
Noon				ш	2	30.4) "	38	38		44	ш	u		
Dista	nce ru	n by L	og since pre	eceding No	on					k	nots	fat	homs.		
			at Noon								0			и	
			t. at Noon								0			"	
Latitu	de by	Obser	vations at N	loon ⊕							0	4		ш	
Longi	tude b	y Chro	onometer fro	om Foreno	on Obser	vations ⊕					0			и	
	nt dur	ing the	•	knot	s	fms. p	er hour, s	settina ta	the						
time Varia	tion of	the C	ompass by			•					0	"		"	
			ompass by				C				0	"		"	
			during the p			ı at							217	gallons	
Water		Conder		receding 2		the precedi	na 24 ho	ure					73		
			on hand fit f	or me at No	-	tile precedi	19 24 110	uis					270		
			uring the pr								2	tons	30	lbs.	
			n hand at No		nouro						35		930	"	
Odai	Cilian	illing of	i nana at ivi	3011							33		330		
P,M.															
1				NNE	3-4	30.3	3 43	41	40		orq	Nimb	0		
2				"	3-5	"	44	39	39		ű	"	"		
3				и	"	"	"	"	"		u	ш	u		
4				"	3	"	"	"	"		и	44	"		
5				"	"	30.3	5 "	40	40		or	44	"		
6				"	3-4	30.3		"	"		"	44	"		
7				N	4	"	"	"	"		и	44	"		
8				N by	3	30.4	1 "	39	39		и	44	u		
				E				"				,,			
9				NNE	2	30.4		"	40						
10					"	-	43		38						
11				N			"								
Mid.				NNW	•						-	-	-		
		61		A.C	C'						0			**	
			onometer fro			vations ⊕					0				
_			onometer O ompass by		5		observe] set		0				
			ompass by ompass by	Ampiitude			observe		ુ		0			44	
vand		1110 U	orribass nà				а								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, raining, disagreeable. Light breeze from N. and W. Banked fires under two boilers. Average steam pressure 22 lbs. Temp of bunkers 64°

(Signed) J. T. Sullivan

Lieut.

From 4 to 8 A.M. Overcast. Rainy. Thick. Cold. Disagreeable. Moderate N wind. Nimb clouds. Ebb tide. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 68°. Distilling.

(Signed) Richard G. Davenport

Lieut.

From 8 to Merid. Cloudy and rainy, wind variable from N.N.E. Flood tide. Average steam 26 lbs. Temp of bunkers 72°. Distiller in operation. David Dalton (S.B.) Frank Maguire (Q.M) Jamie Brown (C.F.C.) Thomas Luddin (Lds) Wm D. Laddles (2 C.F.) Jerimiah Donnovan (Lds E.F.) and William Barker (Lds) absent without leave.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Overcast and cloudy with continuous rain, wind fresh in squalls from N.N.E. The Grand Duke Alexis and Russian Admiral paid an official visit to the yard, where they were received by the officers of the station and ships here. At 1.15 the "Powhatan" fired a salute of 21 guns which the "Svetlana" returned gun for gun. At 1.30 the "Worcester" fired 21 guns in honor of the visit of the Grand Duke. David Dalton (S.C.) Thomas Ludden (Lds) Frank Maguire (Q.M.) Jerimiah Donnovan (Lds E.F.) and Jamie Brown (C.F.C.) returned from liberty. Turned ebb tide at 3.50. Fires banked under two boilers. Distiller in operation. Temp of bunkers 73°. Steam pressure 24 lbs.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast and rainy. Moderate breeze from N. and E. Ebb tide. Banked fires under two boilers. Average steam pressure 22 lbs. Temp of bunkers 70°. Distilling.

(Signed) J. T. Sullivan

Lieut.

From 8 to Midnight. Overcast. Cool. Drizzling. Light airs from N. Banked fires under two boilers. Average pressure 25 lbs. Temp of bunkers 72°. Flood tide.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va

	WIN	DS.	BAROM	ETER.	Т	EMPERAT	URE.	State of	F		State	
Hour. Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.												
1	N	2	30.46	43	39	39		bc	Nimb	5		
2	N BY	"	u	"	38	38		ш	ш	7		
3	W "	"	u	44		ш		ш	ш	8		
4	N	и	и	"	"	ш		ш	ш	"		
5	"	"	ш	41	"	ш		44	Cum	6		
	u	"	20.40	41	"	ш			Nimb "			
6 7	NNE	2	30.48 30.52	40	"	и		0	ш	3		
		"		40	"	ш			Cir	u		
8	NE		30.54					bc	Cum			
9	u	u	30.56	"	u	ш		ш	u	4		
10			30.52	41	39	"			"	3		
11 Noon	ENE "	"	u		"			"				
				42								
Distance run by Log since pro	eceding No	oon					k	nots	fa	thoms.		
Latitude by D. R. at Noon								0	•		и	
Longitude by D. R. at Noon								0	•		и	
Latitude by Observations at N	Noon ⊕							0	•		ш	
Longitude by Chronometer fr	om Foreno	on Observa	ations ⊕					0	•		и	
Current during the time	knot	ts	fms. per	hour, se	tting to	the						
Variation of the Compass by	Amplitude	⊕ observe	d at Sunrise					0		4	и	
Variation of the Compass by	Azimuth ⊕	observed a	at					0		4	ш	
Water expended during the p	receding 2	4 hours								225 g	allons	
Water		during th	ne preceding	24 hou	rs						"	
Water remaining on hand fit f	or me at N	oon								2555	5 "	
Coal consumed during the pr	eceding 24	hours						1	tons	1800	lbs.	
Coal remaining on hand at N	oon							34	и ,	130	"	
P,M.												
1	ENE	3	30.50	42	38	38		bc	Cir Cum	2		
2	ш	u	и	"	"	u		и	и	u		
3	"	2	u	44	39	и		ос	Cum	0		
4	"	"	u	"	38	и		ocs	Nimb "	u		
5	ш	1	30.48	"	39	39		и	Nimb	u		
6	Var	0-1	и	"	40	u		и	**	u		
7	"	u	u	"	"	и		ш	ш	u		
8	"	1	30.46	43	39	ш		u	"	ш		
9	ш	u	30.44	"	"	u		os	ш	u		
10	Calm	0	30.42	44	40	u		0	ш	u		
11	44	u	30.41	43	39	и		"	"	0		
Mid.		и	ш	"	ш	u		bc	Cum Nimb	1		
Longitude by Chronometer fr			ations ⊕					0	•		ш	
Longitude by Chronometer O		s]			0	,	•	"	
Variation of the Compass by	Amplitude		ok	served	at Suns	et		0	,		"	
Variation of the Compass by				at				0	,	•	ш	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool with light breeze from N. Fires banked under two boilers. Average steam pressure 30 lbs. Temp of bunkers 70°. Running flood tide.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Partially overcast, with light breeze from N.E. Ebb tide. Half masted colors at service in obedience to general order, in honor of late Rear Admiral Joseph Switte. Banked fires under two boilers. Average steam pressure 22 lbs. Temp of bunkers 69°. Loosed sail at 8 o'clock.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast. Cold. Disagreeable. Light N.E[aster]ly breeze. At 9.40 mustered and inspected at quarters, found following men absent without leave. W. D. Saddler (2.C.F.) Wm Barker (Lds) and Francis Norton (2.C.F.) Drilled 1st Div small arms, 2nd Div single sticks and Marine guard with small arms. Hauled out to a bowline at 8.30. Banked fires under two boilers. Average pressure 20 lbs. Temp of bunkers 62°. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast and cloudy. Snowing during latter part. Light breeze from N.N.E. Tide flood. At 12 m. U.S. Receiving Ship "Worcester" fired 13 minute guns in honor of the late Admiral Switte. Received from U.S. Receiving Ship "Worcester" to fill vacancies in complement, 1 seaman and 3 landsmen, one of the latter for the engineer force. Average steam during watch 20 lbs. Temp of bunkers 62°. Fires banked under two boilers.

(Signed) Wainwright Kellogg

From 4 to 8 P.M. Overcast and cloudy with snow. Wind light and variable. Running ebb tide. Fires banked under two boilers. Average steam pressure 28 lbs. Temp of bunkers 76°. Commenced distilling at 5.45.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast. Cold. Calm. Obscured moonlight. Ebb tide. Slack water at 11. Turned flood at 11.30. Banked fires under two boilers. Temp of bunkers 76°. Average steam pressure 25 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.

Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va.

				WINI	DS.		BAROM	ETER.	Т	EMPERAT	URE.	01-1	F		04-4-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	by	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	ž	ű.												Ε.07		
1				Calm	0		30.40	40	38	38		o	Nimb	0		
				"	"			40				"	cir "	"		
2				u			30.48		"			и		"		
3 4				ш	u		30.47 30.46	и	ш	ш		и	"	"		
				W by	4			20	26	26		и	Cum	"		
5				S "	1		30.46	39	36	36			Nimb "	_		
6				"	2		30.34		35	35		bc		5		
7 8				и	"		30.32	38 37	ш	34		oc	44	0 6		
				14/014/			u					bc "	Cir			
9				WSW	3			38	34	35			Cum	10		
10				" M by	"		30.32	и	36	36		b	4	"		
11				W by S	4		30.30	40	37	37		и	"	"		
Noon				44	и		30.26	42	41	38		и	и	ш		
Distan	ce rui	n by L	og since pre	eceding No	on							knots	fa	athoms.		
Latitud	e by	D. R. a	at Noon									0			"	
Longitu	ıde b	y D. R	. at Noon									0			и	
Latitud	e by	Obser	vations at N	loon ⊕								0			"	
-			onometer fro	om Foreno	on Obsei	vatior	ns ⊕					0		•	"	
Curren time	t duri	ng the	•	knot	s		fms. per l	nour, se	tting to	the						
	on of	the Co	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0		"	"	
Variation	on of	the Co	ompass by	Azimuth ⊕	observe	d at						0		ш	и	
Water	expe	nded o	during the p	receding 2	4 hours									225 (gallons	
Water	С	onden	sed		during	the p	receding	24 hour	rs					73	0 "	
Water	rema	ining o	on hand fit fo	or me at No	oon									255	5 "	
Coal co	onsur	ned d	uring the pr	eceding 24	hours							7	tons	510	lbs.	
Coal re	emain	ning or	hand at No	oon								26	44	1860	и	
P,M.				N 11.47	0.4		20.04	40	40	20		h	Cir	•		
1				NW NW	2-4		30.24	43	42	39		bcq	Cum	8		
2				by N	2-5		30.22	44	43	40		44	и	"		
3				NW	5-7		30.24	45	ш	u		44	44	4		
4				ш	ш		30.25	44	40	38		"	"	8		
5				WNW	3		30.26	43	и	44		"	44	ш		
6				ш	4		30.26	и	39	"		bc	44	10		
7				NW	5-6		30.38	42	37	37		bcq "	4	"		
8				NNW	6-7		30.40	"	36	36			"	"		
9					5		30.44	41	34	34		b				
10					4-5		30.47	39	33	32		bq "				
11				"	4		30.50	38	32				u	"		
Mid.					3		30.50	36	31	31		b	-	-		
Longitu	ıde b	y Chro	onometer fro	om Afterno	on Obse	rvation	ns ⊕					0			"	
			onometer O]]		0		•	u	
Variation	on of	the Co	ompass by	Amplitude			ob	served	at Suns	set		0		4	u	
Variation	on of	the Co	ompass by					at				0			u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Cool. Calm. Ebb tide during watch. Steam in two boilers. Average pressure 25 lbs. Temp bunkers 75°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Cool and cloudy with light breeze from W. by S. Turned ebb at 5.40. Very bright aurora borealis first hour of watch. Remarkable fall barometer from 5 to 6 o'clock. Fires banked under two boilers. Steam 25 lbs. Temp of bunkers 88°. Distiller in operation. Hoisted smoke pipe at 7.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant, with moderate breeze from S and W. Ebb tide. Inspected at quarters at 9.30. At 10.45 Pilot came onboard. Midshipman W. J. Haurmen was suspended from duty to await action by Commander in Chief. By order of Commanding Officer, James O' Donnell (2.C.F.) confined in cell for drunkenness and disrespect to the Officer of the Deck. Started fires under four boilers at 10.30. Steam in six boilers. Average steam pressure 26 lbs. Temp of bunkers 76°. Distilling.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear. Cool. Squalls from N and W. Flood tide. Steam reported ready at 2. Got underway at 2.50 and stood down Elizabeth river. Draft 13 ft. 14 ft. 15 ft 6 in. No. of revolutions 48. Average steam pressure 65 lbs. Temp of bunkers 70°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear. Cold. Fresh squalls from N and W. Made signal 1211. Flagship answered 904. Let go starboard anchor in 11 fathoms of water at 4.45 and veered to 45 fathoms. Old Point Light bearing N.N.E. Thimble E. 3/8 N. Rip Raps S.S.E. Ship head W.N.W. At 5.19 down top gallant yards. Ebb tide. Banked fires under four boilers and steam in two. Average pressure 30 lbs. Temp of bunkers 76°. James Brown was transferred from "Worcester" to "Hartford". Hoisted distinguishing pennant and Flagship made numeral 59.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Cloudy and cold. Fresh breeze from N.N.W. Riding to ebb. Banked fires under four boilers. Average steam pressure 17 lbs. Temp of bunkers 68°.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

		WINI	DS.		BAROME	TER.	TI	EMPERAT	URE.	State of	Forms of		State	
Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.														
1		NNW	1		30.57	35	31	31		b		10		
2		и	2		u	u	44	ш		44		u		
3		ш	1		30.52	34	ш	u		"		"		
4		u	2		"	u	"	u		"		"		
5		W	u		30.52	33	30	30		44		"		
6		WNW	u		30.53	и	31	ш		ш		u		
7		и	3		30.55	"	"	"		bc	cir	9		
8		" \\\ \	"		30.58	и	30	29		"	" O:-	"		
9		W by S	"		30.60	35	32	30		66	Cir Cum	6		
10		и	"		"	38	35	33		"	"	5		
11		W	2		u	49	ш	34		ш	"	u		
Noon		u	u		30.58	41	37	35		"	"	"		
Distance run by	Log since or	ecedina No	on						ı	knots	fe	thoms.		
Latitude by D. F	-	eceding No	OH						r	0	10		и	
Longitude by D.										0		4	ш	
Latitude by Obs		Noon ⊕								0		4	"	
Longitude by Ch			on Obsei	vation	ns ⊕					0		4	ш	
Current during t		knot			fms. per h	nour se	ttina to t	the						
time Variation of the	Compass by					.00., 00	ung to t			0		4	и	
Variation of the					0400					0		4	и	
Water expended												225 c	allons	
Water		· ·		the p	receding	24 hour	s						ш	
Water remaining	g on hand fit t	for me at No	_		·							255	5 "	
Coal consumed	during the pr	receding 24	hours							2	tons	220	lbs.	
Coal remaining	on hand at N	oon								24	"	1640	"	
P,M.														
1		Calm	0		30.54	44	40	39		bc	Cir	6		
2		"	"		30.52	48		42		"	Cum "	5		
3		u	u		30.52	51	44 47	45		"	u	7		
4		и	"		30.49	52	"	"		44		"		
5		"	u		"	50	44	43		ш	ш	8		
6		SW	1		30.48	47	40	40		44	**	7		
7		и	2		30.49	46	39	38		"	u	9		
8		u	u		ш	u	"	u		44	"	"		
9		u	u		30.52	45	"	ш		ш	Cir Str	7		
10		u	"		u	44	38	u		44	Str "	8		
11		ш	"		u	48	37	36		b	и	10		
Mid.		и	u		u	"	"	u		и	ш	u		
Longitude by Ch	nronometer fr	om Afterno	on Obse	rvatio	ns ⊕					0		4	и	
Longitude by Ch	ronometer C	bservation	S]			0		4	44	
Variation of the					ob		at Suns	et		0		•	"	
Variation of the	Compass by					at				0		•	44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Freezing. Light breeze from N.N.W. Bright moonlight until 3.40 when she set. Banked fires four boilers. Average steam pressure 25 lbs. Temp of bunkers 68°. Slack water at 1. Swung to flood at 1.30.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear. Cold. Pleasant. Light breeze from W. At 6 ship swung to ebb. Midshipman Griffin left ship on a leave of absence of one week. At 7.30 spread fires in six main boilers. Flagship made signals 3350. Temp of bunkers 74°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear and pleasant with light breeze from W. Riding to ebb tide. At 8.45 brought to on starboard chain, hove in to eight fathoms and steamed ahead shifting anchorage. Bearings. Old Point N.E. 3/4 N. Rip Raps S.E. by S. 1/4 S. with ships head W. 1/4 S. Secured at 45 fathoms on starboard chains. At 8.55 Flagship made preparatory 5456 and at 9 5456. At 9.30 loosed sail to a bowline. At 9.50 mustered at quarters. Wm Devois (Boiler Maker) absent without leave from the ship. At 11.30 Flagship made preparatory 5955, and 5955 shortened sail. Flagship made 4826. Furled sail. Hauled fires in No. 5 and 7 boilers at 9.40. Fires banked in No. 2 and 4 boilers. Steam 35 lbs. Temp of bunkers 64°. The "Pinta" got underway at 10.30 and stood up to Norfolk.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Calm. Riding to ebb tide. Slack water at 3.30 Banked fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 78°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear. Cold. Light airs from S.W. Swung to flood at 4.15. Flagship made signal 2985 at 4.45. Swung to ebb at 6.30. Started distiller at 6.35. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 68°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and cold, bright moonlight. Light breeze from S.W. Riding to ebb tide. Fires banked in two boilers. Steam pressure 20 lbs. Temp of bunkers 72°. Distilling.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va.

	WIN	DS.	BARON	METER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour. Cour steer sg und the sg und the steer		Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.										Ε 07		
1	SSW	1-2	30.52	42	36	32		b	None	10		
2	SW	3	30.52	41	37	36		"	"	"		
3	"	4-5	30.52	40	"	"		и	"	и		
4	u	3	30.52	40	"	35		ш	"	и		
5	ш	2	"	39	36	"		ш	"	u		
6	ш	3	u	"	"	36		ш	"	u		
7	u	2	30.56	4	44	35		и	"	и		
8	ш	1	30.57	и	35	34		ш	"	u		
9	u	2	30.58	40	36	35		и	44	u		
	u	<i>"</i>						и	44	u		
10	C	"	30.60	42	40	39		ш	"	и		
11 Noon	S "	4.0	30.58	44	42	41		ш	"	и		
•		1-2	30.52	47	42	43						
Distance run by Log sind	ce preceding No	oon					k	nots	fa	athoms.		
Latitude by D. R. at Noo								0			"	
Longitude by D. R. at No								0		4	"	
Latitude by Observation								0		4	"	
Longitude by Chronome		on Obser	vations ⊕					0		•	"	
Current during the	Kno		fms. per	hour se	ettina to	the						
time Variation of the Compas					Atting to			0		и		
Variation of the Compas								0		и		
Water expended during			aı							225	rollono	
Water Water	the preceding 2		the proceding	24 hou	ro					73	gallons o "	
	d fit for mo at N	_	the preceding	1 24 110u	15							
Water remaining on han								6	tono	255	J	
Coal consumed during t		Hours						6	tons "	1100	lbs.	
Coal remaining on hand	at Noon							18		540		
P,M.												
1	Calm	0	30.48	52	50	48		b	None	10		
2	SW by W	2	30.44	55	52	50		u	"	u		
3	"	"	"	и	"	"		"	"	и		
4	и	"	30.42	ш	"	"		"	"	ш		
5	u	u	"	51	51	51		"	и	и		
6	u	u	"	53	50	50		и	и	и		
7	u	1	"	52	48	48		"	и	и		
8	u		u	51	46	46		u		и		
9	Calm	0	30.44	50	45	44		44	и	и		
10	ESE	0-1	30.45	"	44	45		"	"	и		
11	S	1	30.44	48	43	42		ш	ш	ш		
Mid.	"	"	30.44	40	42	4Z "		"	и	и		
IVIIU.			30.44		44							
Longitude by Chronome	ter from Afterno	on Obser	vations ⊕					0		4	"	
Longitude by Chronome]		0			u	
Variation of the Compas			0	bserved				0			ш	
Variation of the Compas			· ·	at		-		0			u	
	,											

under the command of Commander W. Scott Schley Friday January 26th . 1877.

, U. S. Navy.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool, with moderate breeze from S and W. Bright moonlight. Slack water at 1.30. Swung to flood at 2.30. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 72°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Clear. Cold. Light breeze from S.W. Moon set at 4.30. Slack water at 7. Swung to ebb at 7.30. Banked fires under two boilers. Temp of bunkers 74°. Average steam pressure 20 lbs. Distilling. At 7.30 Flagship made general signal 3350.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from S. and W. Riding to ebb. At 9.15 started fires under four boilers. At 9.30 exercised at general quarters. Time as follows.

Cast Loose	mi[nutes]	Secured	mi
1 st Div	6 1/2	1 st Div	9
2 nd "	3 1/2	2 nd "	7 1/2
Powder "	3 1/2	Powder "	5
Eng. "	2	Eng. "	2 1/2
Master "	4 1/2	Master "	3
Marine "	1 1/2	Marine "	20 ^C
Surgons "	2 1/2	Surgons "	

At 10 Flagship made general signal 3103. Made preparation for towing. At 10.30. hoisted pilot flag. Pilot came onboard at 11. Steam in six boilers. Average steam pressure 25 lbs. Temp of bunkers 7.30. Distilling. Jerimiah O'Donnell (2.C.F.) released from confinement.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Clear, cloudless an pleasant. With light breeze from S.W. At 12.45 made to "Hartford" interrogatory 4890, she answered 904. Got underway at 1.25 and at 1.45 took coal schooner E.C. Knight in tow and stood toward Norfolk in charge of pilot. At 3.15 exchanged numbers with "Powhatan". At 3.55 cast off schooner abreast of Navy Yard code wharf and made fast to buoy. Draught of ship 13 ft forward, 14 ft amidships, 15 ft 6 in. aft. Fires in six boilers Steam 55 lbs. Temp of bunkers 75°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light S.W[ester]ly airs. At 5 o'clock hauled into dock and moored alongside coal schooners. Made preparations for coaling ships. At 7 hauled fire from under four boilers. Average steam 45 lbs. Temp of bunkers 72°. By order of Comdg Officer, Richard Jones (Lds) was rated W.R. Cook, from Jan 6th inclusive.

(Signed) J. T. Sullivan, Lieut.

From 8 to Midnight. Clear. Cold with light airs from S and W. Bright moonlight. Ebb tide. Banked fires under two boilers. Average steam pressure 5 lbs. Temp of bunkers 69°.

(Signed) Richard G. Davenport, Lieut. Asa Walker, Lieut.

Examined and found to be correct

Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va

			WINE	BAROMETER.			TI	EMPERAT	URE.	State of	Forms of		State			
Hour.		gi	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	o, of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				Lee	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. c Sky, in	Sea.	under at end of watch.
	_	_														
A,M.				S by												
1				W	1	3	30.44	45	41	40		b	-	10		
2				и	"	"		44	40	39		bc	cir	9		
3				и	ш		•	43	44	ш		44	Cir cim	7		
4				и	u	"		44	44	и		ш		u		
5				SSW	u	3	30.40	u	u	40		и	"	6		
6				и	ш		•	"	44	"		44	"	4		
7				SW	u	3	30.31	u	41	41		66	и	1		
8													и	"		
9					u		30.36	44	43	43				"		
10				SSW	"		30.35	46	46	44						
11 Noon				SW "	"		30.33	48	49	47				2		
•						3	30.31	51	51	49						
Dista	nce rui	n by L	og since pre	ecedina No	on							knots	fa	thoms.		
		-	at Noon	300ug . 10								0			"	
	-		. at Noon									0		4	ш	
			vations at N	loon ⊕								0		4	ш	
			onometer fro		on Obse	vations	⊕					0		4	ш	
	nt duri	ing the	•	knot	s	fm	ns. per h	nour, se	tting to	the						
time Varia	tion of	the Co	ompass by	Amplitude (⊕ observ				Ü			0			ш	
			ompass by									0		4	"	
			during the p											225 0	allons	
Water			0 .	ŭ		the pre	ceding	24 hour	s						"	
Wate	r rema	ining o	on hand fit f	or me at No	oon									255	5 "	
Coal	consu	med d	uring the pr	eceding 24	hours							1	tons	1140	lbs.	
Coal	remair	ning or	n hand at No	oon								79	"	20	"	
P,M.																
1				WSW	1	3	30.28	50	54	52		0	Cir Cum	0		
2				и	"	3	30.24	56	55	53		bc	**	1		
3				u	1-2	3	30.22	57	57	43		u	"	4		
4				SW	1	3	30.20	58	56	ш		ш	44	2		
5				WSW	1-2	3	30.18	57	54	52		и	"	5		
6				SW	0-1	"		56	53	и		и	"	7		
7				"	u	3	30.20	55	52	51			u	"		
8								54	50	50						
9				Calm "	0		30.24	53	49	49		b "	None "	10		
10				-			30.24	52 "	48	48				"		
11 Mid.				NW "	1	3	30.26	 51	47 45	47 45		"	ш	ш		
iviiu.								וט	40	40						
Longi	tude h	v Chr	onometer fro	om Afterno	on Ohse	vations	(P)					0		4	"	
-		•	onometer O			. 40113	_		1			o		4	"	
-			ompass by		-		oh	served	ر at Suns			0		•	u	
			ompass by				36	at				0		•	u	
			. ,													

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool, bright moonlight. Light airs from S. by W. Ebb tide. Fires banked under two boilers. Steam 20 lbs. Temp of bunkers 70°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Partly cloudy and pleasant. Light S.W[ester]ly airs. Commenced coaling ship at 6.30. Fires banked under two boilers. Average steam 30 lbs. Temp of bunkers 69°.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear. Pleasant. Light S.W. breeze. Crew engaged in coaling ship. At 11.40 Lieut. Cogswell returned from leave. Fires banked under two boilers. Temp of bunkers 52°. Average steam pressure 25 lbs. At 11.55 William Duvois (Boiler Maker) was brought onboard by Portsmouth police. Received during watch, 24 tons of coal. Ebb tide.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Partially overcast. Warm. Light airs from S. and W. Engaged coaling ship. Received onboard John Fauer (Sea) from Receiving ship. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 65°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear and pleasant, light S.W[ester]ly airs. Turned flood at 7. At sunset knocked off coaling, having received on board about 59 tons. Dropped down with coal schooner to next wharf below and made fast as before. Fires banked under two boilers. Steam 20 lbs. Temp of bunkers 65°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Bright moonlight. Light N. W[ester]ly airs. Ebb tide running. Fires banked under two boilers. Average steam 20 lbs. Temp of bunkers 70°.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va

Usus			WINI	DS.	В	BAROMETER.		Т	TEMPERATURE.		State of	Forms of		State		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	n	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_	_														
1				NE	1-5	30.	33	44	41	40		bq	None	10		
2				"	2-5	30.		43	"	"		"	"	"		
3				u	2-4	30.		"	"	ш		ш	"	"		
4				ш		"	-	"	"	44		ш	и	ш		
5				N	2	30.	41	42	43	"		b	44	u		
6				"	"	30.		41	39	39		"	ш	"		
7				ш	"	30.		"	"	"		ш	и	ш		
8				ш	1	30.		"	41	44		ш	и	ш		
9				NNE	3	30.		42	42	40		ho	Cir	9		
				ININC.								bc "	Cum "			
10				"	2	30.		44	43	41 "		"		"		
11						30.	42	46								
Noon				N by E	u	30.	48	и	и	42		"	и	и		
Distan	ce rur	n by Lo	og since pr	eceding No	on						k	nots	fat	homs.		
Latitud	le by	D. R. a	at Noon									0			"	
Longiti	ude b	y D. R	. at Noon									0			"	
Latitud	le by	Obser	vations at N	Noon ⊕								0			"	
Longit	ude b	y Chro	onometer fr	om Foreno	on Obser	vations ⊕						0	4		"	
Currer	nt duri	ng the	:	knot	s	fms.	per h	our, se	tting to	the						
time Variati	on of	the Co	ompass by	Amplitude	⊕ observ				Ü			0	ш		"	
				Azimuth ⊕								0	ш		"	
				receding 2										225.0	allons	
Water	олро.		aug a.o p			the prece	dina 2	24 hour	s					47		
	rema	inina c	on hand fit f	for me at No	_		3 -		_					2190		
				eceding 24								1	tons	920	lbs.	
			hand at N	_								77		340	"	
P,M.																
1				N by	2	30.	ЛЛ	47	44	42		bc	Cir	9		
				E "	"				"	"		ű.	Cum "	"		
2					u	"		48				"	u	"		
3				N "	"	"		49 "	45 "	44		"	"	"		
4				"		"		48	"	"		"	-:-	"		
5				Calm	1	"		40	44	42		"	cir "	"		
6 7				Calm E	0 1	"		47	44 43	43 40		"	"	"		
8				"	"	"		46	42	"		"	"	"		
9				Calm	0	"		45	41	"		b	None	10		
10				"	"	30.	46	45 44	41	"		"	"	"		
11				ш	ш	3U. "	-ru	"	40	44		u	ш	u		
Mid.				"	и	u		"	"	ш		u	ш	"		
iviiu.																
Longit	ude b	y Chro	onometer fr	om Afterno	on Obser	vations ⊕						0	4		и	
Longit	ude b	y Chro	onometer O	bservation	s]	l		0	•		"	
Variati	on of	the Co	ompass by	Amplitude			obs	served	at Suns	set		0	•		"	
Variati	on of	the Co	ompass by					at				0	•		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Bright moonlight. Wind from N and E. Squally. Steam pressure 20 lbs. Temp of bunkers 68°. Distilling.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Cold. Light N[orther]ly breeze. Flood tide. Banked fires under two boilers. Temp of bunkers 65°. Average steam pressure 20 lbs.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and cold, with light breeze from N and E. Ebb tide. At 10.45 Commanding Officer inspected ship and crew. At 10.55 called all hands to muster. General order 221 and special order of Jan 18th from the Navy Department, and Court Martial Order of North Atlantic Squadron of Jan 16th were read. Afterwards, prayers were read by Commanding Officer. John P. Mackie (Boy) was placed in solitary confinement on bread and water, for insolence and insubordination. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 70°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant weather, with light N[orther]ly breeze. Sent visiting party to "Alliance" and "Ranger". Fires banked under two boilers. Steam 20 lbs. Temp of bunkers 70°. Turned flood at 4.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light air and calm. Flood tide running. Distilling. Average steam pressure 20 lbs. Temp of bunkers 70° .

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Clear and calm. Bright moonlight. Steam pressure 20 lbs. Temp of bunkers 69°. Stopped distilling at 8.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va

			WINI	DS.		BAROME	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	ш														
A,M. 1			S	2		30.46	43	38	39		b	None	10		
2			"	"		30.45	43		38		"	"	"		
3			"	1		"	"	44	"		"		"		
4			ш	"		"	41	36	36		44	ш	u		
5			S by	1-2		u	40	"	34		u	"	"		
			W	"		"		ш			"	"	"		
6 7			SSW	1		30.44	38	"	и			ш	"		
8			"	"		30. 44 "	"	32	36		"	"	u		
9			"	2		30.42	41	40	39		"		"		
10			SW	"		"	46	45	44		"		"		
11			"	"		30.40	49	50	45		44	ш	u		
Noon			"	"		30.36	51	52	50		"	"	"		
•						00.00	٠.	02							
Distance ru	un by Lo	og since pr	eceding No	on						k	nots	fa	thoms.		
Latitude by) D. R. a	at Noon									0			"	
Longitude I	by D. R	. at Noon									0	•		"	
Latitude by	y Observ	vations at N	Noon ⊕								0	,		44	
Longitude I			om Foreno	on Obse	rvatio	ns ⊕					0	4		"	
Current du time	iring the		knot	s		fms. per h	nour, se	tting to	the						
Variation of	of the Co	mpass by	Amplitude	⊕ obser	ved at	Sunrise					0			"	
Variation of	of the Co	mpass by	Azimuth ⊕	observe	d at						0	6		"	
Water expe	ended d	luring the p	receding 2	4 hours									225 g	allons	
Water				during	the p	receding	24 hour	s						"	
Water rema	aining o	n hand fit f	for me at N	oon									2190	"	
Coal consu	umed du	uring the pr	eceding 24	hours							1	tons	1140	lbs.	
Coal remai	ining on	hand at N	oon								145	" ,	1820	"	
P,M.			14/014/						50				40		
1 2			WSW "	1		30.34 30.32	56 55	54 56	52 54		b "	None "	10		
3			44	"		30.32	57	58	56		44	"	u		
4			"	"		30.28	60	59	57		"		"		
5			NE	"		"	62	57	56		44	ш	u		
6			SSE	"		"	60	55	54		44	44	"		
7			"	0-1		30.29	59	54	u		bc	Cr Str	7		
8			"	"		30.32	58	53	53		ш	"	u		
9			Calm	0		"	54	49	50		44	44	4		
10			44	"		"	52	47	48		44	44	3		
11			"	"		30.33	50	46	46		u	"	4		
Mid.			"	"		"	48	"	и		u	"	5		
Longitude I	by Chro	nometer fr	om Afterno	on Obse	rvatio	ns ⊕					0	•		"	
Longitude I	by Chro	nometer O	bservation	s]			0	•		"	
Variation o	of the Co	mpass by	Amplitude			ob	served	at Suns	et		0	•		u	
Variation o	of the Co	mpass by					at				0			44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cold. Pleasant. Bright moonlight. Light S[outher]ly breeze. Ebb tide. Slack water at 3.30. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 65°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and cold. Light airs from S and W. Flood tide. Engaged in coaling ship during latter part. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 70°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Cloudless and pleasant, light S.W[ester]ly breeze. Engaged in coaling ship. By order of Commanding Officer, Midshipman W. G. Hannum was released from suspension and restored to duty. By same order Benj. O. Low (Sch Mr) was released, but to be quarantined to the ship until further orders. G.F. Caswell (Lm. 2 C.) and Charlie Green (Q.M.) absent from the ship after the expiration of their liberty. Fires banked under two boilers. Steam pressure 20 lbs. Temp of bunkers 70°. Running ebb tide.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light S.W[ester]ly breeze. Engaged in coaling ship. Received onboard during watch 29 tons. Received in Construction Department 20 gals. [gallons] of shellac varnish. Average seam 20 lbs. Ebb tide running.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear and pleasant, light airs from N and E. Turned to flood tide at 7.15. At 7.10 completed coaling ship. Received onboard in all 132 tons. Average steam pressure during watch 20 lbs. Distiller in operation. Fires banked under two boilers.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Cold. Pleasant. Calm. Moonlight. Slack water at 9. Ebb tide 9.30. Banked fires under two boilers. Average steam pressure 20 lbs. Bunkers full. Distilling.

(Signed) Richard G. Davenport

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va

			WINI	DS.	1	BAROME	ROMETER.		EMPERAT	URE.	State of		State of	State		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	€.	eight in ches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	×															
1				E by	0-1	30	0.34	46	44	44		bc	Cir	5		
2				S E	u		0.36	"	43	и		u	Cum "	6		
3				ENE	u	"		44	41	41		ш	ш	3		
4				"	1	30	.37	"	42	42		ш	e	2		
5				Calm	0		0.40	43	"	"		44	ш	4		
6				"	u		.42	"	ш	"		66	44	и		
7				u	u	30	.44	"	u	"		ш	44	u		
8				u	u	30	.48	"	43	"		bcm	44	5		
9				44	u	30	.47	45	45	44		66	44	u		
10				ш	u	30	.49	48	48	47		bc	ш	6		
11				NNE	1	30	.51	50	50	49		**	ш	"		
Noon				44	u	30).52	53	51	50		ш	ш	8		
Distan	ce ru	n by L	og since pre	eceding No	on						k	nots		athoms.		
Latitud	le by	D. R.	at Noon									0		4	"	
			t. at Noon									0		4	и	
	-		vations at N									0		4	и	
-			onometer fro	om Foreno	on Obser	vations ⊕)					0		4	a	
Currer time	it dui	ing the	;	knot	s	fms	. per h	our, se	tting to	the						
Variati	on of	the C	ompass by	Amplitude	⊕ observ	ed at Sun	rise					0	•	4	u	
Variati	on of	the C	ompass by	Azimuth ⊕	observed	d at						0			"	
Water	expe	nded o	during the p	receding 2	4 hours									225 g	allons	
Water		onder			_	the prece	eding	24 hour	S					73		
		-	on hand fit f											219		
			uring the pr	-	hours							1	tons	1580	lbs.	
Coal re	emaır	ning or	n hand at No	oon								144	- :	240		
P,M. 1				NNE	0-1	30	0.50	54	53	52		bc	Cir	8		
				N by	u-1					"			Cum "	"		
2				E	ű	и		55	и			ш				
3				NE "	1).51	44	и	44		и	Cir	9		
4					u	30).52			"		"	None "	10		
5								54	51	56						
6				ENE	").53	53	49	44						
7				E "	u).55	52	48 "	48		"	u	"		
8				и	u	30).56	50				h	4	и		
9				Calm	0		. 57	40	46	46		b "	4	и		
10 11				Calm E	0 1	30).57	47 46	44 43	44 "		ш	44	u		
Mid.				⊏ Calm	0).58	46	43 42	42		и	44	"		
ivilu.				Gaiiii	J	30	,	70	74	74						
Longit	ude b	y Chro	onometer fro	om Afterno	on Obsei	vations ⊕)					0		4	"	
Longit	ude b	y Chro	onometer O	bservations	S]			0		•	"	
Variati	on of	the C	ompass by	Amplitude			ob	served	at Suns	set		0		•	"	
Variati	on of	the C	ompass by					at				0		•	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Partially overcast and cool. Light airs from E. Ebb tide. Fires banked under two boilers. Average steam pressure 22 lbs.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear and pleasant, calm. Bright moonlight until day break. Fires banked under two boilers. Steam 25 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Calm first part, light N.E[aster]ly airs latter part. Mustered at quarters at 9.30. Gustave Romer (Boy) absent without leave. Made preparations for provisioning ship. Fires banked under two boilers. Average steam 25 lbs. Distilling.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light airs from N and E. Ebb tide. Crew engaged in provisioning ship. Average steam pressure 25 lbs. Fires banked under two boilers. Received onboard the following stores. 56 Bags Bread. 10 Bble Beef. 25 Boxes Preserved Beef. 10 Bble Flour. 2 1/2 Bble Rice. 12 1/2 Bble Sugar. 10 Kegs Pickles. 16 Boxes Coffee. 1 Box Tea. 1 Bble Butter. 5 Boxes Butter. 10 1/2 Bble Beans. 1 Bble Molasses. 1 Bbl Vinegar. 3 Bales Flannels. 2 Boxes Calf Shoes. 1 Box Kip Shoes. 1 Box Boots. 1 Bale Socks. 2 Boxes Tobacco. 6 Cases S[alt] Water Soap. 1 Box Whip Brooms. 1 Box D. E. Buttons. 1 Package Thread.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Pleasant. Light N.E. breeze. Received in Pay Department, from Navy Yard, 60 Bags Bread, and following articles in Construction Department. 135 ft 2 in White Pine. 85 lbs 2 ^X 3/8 in flat iron. 12 lbs 1/2 in round iron. 6 lbs 1/4 in round iron. 8 sheets 28 03/1 copper 67 lbs composition nails. Moon rose 7.19. Banked fires under two boilers. Average steam pressure 25 lbs.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant, with light airs from E. Bright moonlight. Banked fires under two boilers. Average steam pressure 23 lbs.

(Signed) Wainwright Kellogg Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Navy Yard Gosport Va. Hampton Roads Va

				WINI	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	01-11	F		01-1-	
Hour.		ni.	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	State of the Weather	Forms of Clouds, by	Prop. of Clear Sky, in 10ths.	State of the	Record of the sail the vessel is
	Knots.	Fathoms.				Leeway	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	hop. of Sky, in	Sea.	under at end of watch.
	조	ı.												E 0)		
A,M.																
1				Calm	0		30.56	44	42	42		bou	None	10		
2				u	"		ш	ш	"	"		"	"	"		
3				и	44		u	43	41	41		ш	66	u		
4				и	"		ш	42	40	40		bf	66	u		
5				ш	u		30.57	41	ш	u		f	"	0		
6				ш	u		30.58	40	ш	u		"	"	u		
7				N	1		30.59	39	39	39		ш	66	u		
8				и	"		30.60	"	38	38		ш	66	u		
9				и	"		ш	40	42	41		of	Nimb	u		
10				ESE	u		ш	42	44	44		"	"	u		
11				N by E	2		30.58	46	ш	"		bcf	Cum Nimb	6		
Noon					"		30.54	48	ш	66		u	"	4		
•																
Distan	nce ru	ın by L	og since pre	eceding No	on						ŀ	nots	fa	athoms.		
			at Noon									0			"	
Longit	tude l	y D. R	R. at Noon									0			"	
Latitud	de by	Obser	vations at N	loon ⊕								0		4	"	
			onometer fro		on Obser	vations	⊕					0			"	
	nt du	ring the	9	knot	s	fn	ns. per l	nour. se	ttina to	the						
time Variati	ion o	f the C	ompass by					, , , , ,	. 3			0		ш	ш	
			ompass by				u					0		u	"	
			during the p			· ut								225.0	allons	
Water		ilaca (adining the p	receding 2		the nre	eceding	24 hour	re					220 8	"	
		ainina a	on hand fit fo	or me at No	_	are pre	Jocumg	2-11001						219	n "	
		-	uring the pr									3	tons	1840	lbs.	
			n hand at No		110410							141		640	"	
		3														
P,M.																
1				Е	2		30.52	49	49	48		bcf	Cum	6		
2				SE	u		30.49	51	51	51		bc	Nimb "	4		
3				ESE	u		30.47	53	53	52		"	Cir			
4				"	"		"	"	50	50		u	"	u		
				_	"		00.40	50				и	Cir	0		
5				E			30.48	52	47	46 "			Cum	2		
6				SE	1		"	50	46			u	ш	6		
7				ű	ű			"	47	47		u	Str "	9		
8				 CE h			30.47	•	49	48				•		
9				SE by S	"		30.45	"	48	"		bcm	Cir Cum	5		
10				и	3		30.44	"	44	44		u	Cum Nimb	1		
11				SSE	2		"	u	"	"		ос	"	0		
Mid.				"	"		u	и	"	44		es	"	u		
Longit	tude l	y Chro	onometer fro	om Afterno	on Obser	vations	⊕ ⊕					0			и	
_			onometer O]	l		0			"	
_			ompass by				ob	served	at Suns	set		0			"	
			ompass by					at				0			"	
			. ,													

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cool and cloudless, bright moonlight. Misty around horizon, spreading to general fog last hour. Calm. Running ebb tide. Fires banked under two boilers. Average steam pressure 20 lbs.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Heavy fog. Calm first part, light N[orther]ly airs latter part. Turned flood at 6.15. Started fires under four boilers at 5.30. Average steam 30 lbs.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and foggy during first part, afterwards partially clear and cool. Light breeze from W shifting to N and E and increasing. At 9.30 inspected at quarters, afterwards made preparations for getting underway, got underway and stood down for Hampton Roads. At 10.50 Richard Beale (Mach) confined to berth deck for fighting, by order of Commanding Officer. Ships draft 14 ft 2 in forward, 15 ft 1 in amidships, 16 ft aft.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Slight fog. Light S.E. breeze. At 12.30 hoisted distinguishing pennant 1237. Flagship made general signal 1384. At 12.55 came to with port anchor in 11 fathoms water, veered to 45 fathoms chain. Bearings. Ships head W 1/2 N. Old Point Comfort E 1/2 N. Rip Raps S.E. by S. Draft of water 14 ft 2 in forward, 15 ft 1 in amidships, 16 ft aft. At 3.30 hauled fires under four boilers and started distiller. At 3.40 Flagship made general signal 2984. Average steam pressure 60 lbs. Pilot left the ship at 1.30.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Partially overcast. Warm. Light airs from S and E. At 5 called to quarters and served out clean hammocks. Made interrogatory 5040. Flagship answered 904. Slack water at 6.30. Swung to flood at 7.15. Banked fires under two boilers. Average steam pressure 20 lbs.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. At 8.30 moon rose. Cloudy and cool with indications of rain. Light breeze from S.E. Riding to flood tide. Fires banked under two boilers. Average steam pressure 20 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut.

Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

Hour				WINDS.			BAROME	BAROMETER.		EMPERAT	URE.	State of	Forms of	5	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	-	_														
1				SSE	1		30.44	50	48	48		С	Cum	0		
2				44	u		и	u	u	ш		"	44	u		
3				sw	"		30.42	"	47	47		bc	Cir Cum	2		
4				ш	u		u	49	46	46		ш	Cir	8		
5				44	2		и	50	и	и		ш	"	"		
6				"	"		и	49	47	47		"	ш	0		
7				SSW	u		30.40	"	48	48		"	ш	"		
8				"	"		30.39	u	49	49		44	ш	1		
9				SW	и		30.38	44	ш	ш		ш	es	9		
10				WSW	u		30.37	52	51	51		b "	None "	10		
11 Noon				W				54 "	52	52		"		"		
				SW	-		30.33		-	•						
Distan	ce rur	n by Lo	og since pr	eceding No	on							knots	fat	thoms.		
Latitud	de by I	D. R. a	at Noon									0	•		и	
Longit	ude b	y D. R	. at Noon									0	•		и	
Latitud	de by	Observ	vations at I	Noon ⊕								0	•		"	
-				om Foreno	on Obse	rvatio	ns ⊕					0	4		и	
Currer time	nt duri	ng the		knot	s		fms. per h	nour, se	tting to	the						
Variati	on of	the Co	mpass by	Amplitude	⊕ obser	ved at	Sunrise					0	"		и	
Variati	on of	the Co	ompass by	Azimuth ⊕	observe	d at						0	"		и	
Water	exper	nded d	luring the p	preceding 24	4 hours									225 g	allons	
Water		onden				the p	receding	24 hour	S					475		
		-		for me at No										2555		
				receding 24	hours							1	tons	290	lbs.	
Coaire	emain	ing on	hand at N	oon								140	J	350		
P,M.																
1				WSW	2		30.30	56	54	53		b	None	10		
2				SW	"		и	57	56	54		ш	44	"		
3				ш	3		30.28	59	ш	и		"	ш	"		
4				"	2		30.26	59	и	и		"	44	u		
5				SW by W	44		30.24	62	59	58		bc	Cir Str	8		
6				SW	"		и	60	57	53		"	Cum	9		
7				44	"		u	58	54	53		44	ш	"		
8				ш	"		и	59	56	54		ш	ш	"		
9							30.26	56	52	52				"		
10				"			ш	55	51	51			u	8		
11					1			54	50	50				7		
Mid.					3									9		
Longit	ude b	y Chro	nometer fr	om Afterno	on Obse	rvatio	ns ⊕					0			u	
-				bservations		0			1			0			"	
_				Amplitude			ob	served	at Suns			0			"	
Variati	on of	the Co	mpass by					at				0			"	

Commences and until 4 A.M. Clear, cool and pleasant. Bright moonlight. Light variable airs. Swung to the ebb at 12.20. Tide running very strong. Fires banked under two boilers. Average steam pressure 20 lbs. Distilling water.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Weather pleasant. Hazy. Light breeze from S and W. Steam pressure 20 lbs. Temp of bunkers 68°. At 8 "Hartford" got underway and steamed to Norfolk. Received fresh provisions for crew.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear. Pleasant. Light S.W. breeze. Slack water at 8. Swung to flood tide at 8.45. At 9.30 Gustave Romer (Boy) returned from leave of absence. J. P. Marker (Boy) released from confinement. Engaged in cleaning ship. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 60°. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear, pleasant, warm. Light breeze from S.W. Swung to ebb at 12.30. Condemned and threw overboard 74 lbs of bread dust. Gustave Romer (Boy) was discharged by order of Navy Department. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 70°. Distilling.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear and pleasant, with light breeze from S.W. Slack water at 6.45. Swung to flood at 8. Midshipman Griffin returned from leave. At 5 went to quarters and turned in clean hammocks. Fires banked under two boilers. Steam 20 lbs. Temp of bunkers 70°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear. Cool. Light S.W. breeze. Riding to flood. Bright moonlight. Moon rose about 9.30. Stopped distiller at 8. Banked fires under two boilers. Average pressure 20 lbs. Temp of bunkers 70°.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

				WINE	os.		BAROME	ETER.	TI	EMPERAT	URE.	State	Forms of	S	State	
Hour.		ms.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther.	Air Dry	Air Wet	Water at	of the Weath er by	Clouds, by symbols.	of Clear in 10ths.	of the Sea.	Record of the sail the vessel is
	Knots.	Fathoms				Le	inches.	uu u.	Dry Bulb.	Bulb.	surface.	symbol s.		Prop.	ouu.	under at end of watch.
A,M.																
1				sw	2		30.26	54	50	50		b	None	10		
2				"	u		"	53	49	49		ш	ш	"		
3				44	u		ш	52	49	49		bc	Cir Str	7		
4				"	1		"	50	48	48		u	u	8		
5				"	3		ш	49	ш	и		и	"	u		
6				"	"		"	48	47	47		ш	u	"		
7				44	и		"	u	u	и		bcm	Cir Cum	u		
8				44	u		ш	"	ш	48		и	и	u		
9				"	2		30.28	52	52	51		u	u	"		
10				44	u		30.24	54	58	62		и	ш	6		
11				SW by W	u		30.22	58	56	и		bc	"	5		
Noon				"	u		"	"	"	60		ш	ш	7		
•																
Distan	ce rui	n by Lo	og since pre	eceding No	on						k	nots	fa	athoms.		
Latitud	le by	D. R. a	at Noon									0		4	u	
Longit	ude b	y D. R	. at Noon									0		4	u	
Latitud	le by	Obser	vations at N	loon ⊕								0		4	u	
-			nometer fro	m Foreno	on Obser	vations	s ⊕					0		4	u	
Currer time	nt duri	ng the		knot	S	fr	ns. per l	nour, se	tting to	the						
	on of	the Co	ompass by	Amplitude	⊕ observ	ed at S	Sunrise					0		"	"	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	l at						0		4	"	
Water	expe	nded c	luring the p	receding 2	4 hours									225 g	allons	
Water	С	onden	sed		during	the pre	eceding	24 hour	S					230	"	
Water	rema	ining c	on hand fit fo	or me at No	oon									2190	"	
Coal c	onsu	med di	uring the pre	eceding 24	hours							1	tons	1030	lbs.	
Coal re	emair	ning on	hand at No	oon								138	"	1560	и	
DM																
P,M.				14/014/			00.40		00				Cir	•		
1				WSW SW	2		30.16	60	60	57		bcm	Cum	2		
2				by S	ш		30.12	"	67	62		и	"	1		
3				SW	u		30.10	"	63	61		u	"	2		
4				44	3		30.08	"	58	55		u	44	4		
5				"	"		ш	"	60	54		ш	44	"		
6				"	2		30.10	62	56	54		bc	"	3		
7				"	ш		"	"	54	54		и	ш	1		
8								61	51	51		ОС	44	0		
9				ű	u		"	60	54	52		oq	Cum	"		
10				и	3		ш	"	44	53		ш	Cum Nimb	ш		
11				44	u		"	"	ш	ш		0	u	"		
Mid.				u	1		"	"	52	51		u	ш	"		
		۵.		4.5	0:							0			"	
			nometer fro			vations	s ⊕					0				
			nometer O		3]			0				
			ompass by	Amplitude			ob		at Suns	et		0			"	
variati	on of	ine Co	ompass by					at				-			-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Gentle breeze from S and W. High water at 1 o'clock. Steam pressure 20 lbs. Temp of bunkers 70°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Pleasant. Misty. Light S.W. breeze. Banked fires under two boilers. Average steam pressure 20 lbs. Bunkers full.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant, with light S.W[ester]ly breeze. Slack water at 8.30. Swung to flood at 9. Engaged in painting ship inside. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 72°.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Pleasant, but cloudy with mist about horizon. Light airs from S and W, freshening last hour. Swung to ebb tide at 1.30. Confined Thomas Murphy (O.S. 2 C.) to berth deck, to await action of Commanding Officer, for fighting. Painting ship inside. Fires banked under two boilers. Steam 20 lbs. Temp of bunkers 72°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Light S.W. airs. Riding to ebb tide. Banked fires under two boilers. Average pressure 25 lbs. Temp of bunkers 70°. Distilling.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Overcast. Light breeze from S and W. Occasional squalls. Swung to the flood at 8.45. Steam pressure 25 lbs. Temp of bunkers 70°. Distilling.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

	WIN	DS.	BAROM	ETER.	Т	EMPERATI	URE.	State of	Forms of		State	
Hour. Course steered to the steered		Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
ж ш. А,М.										ш. 07		
1	NNW	3	30.11	59	55	55		bc	Cum	1		
2	u	2	30.12	58	"	u		u	Nimb "	"		
3	ш		30.14	"	53	53		ш	ш	5		
4	"	и	30.15	u	51	51		ш	"	8		
5	N by	u	30.16	u	50	50		ш	Cir	2		
6	W NNW	0-1	30.22	u	49	ш		ш	Cum "	u		
7	Calm	u	30.24	u	u	ш		ш	Cum	u		
8	u	ш	30.26	"	"	и		ш	Nimb "	3		
9	u	0	"	"	53	55		ш	Cir	6		
10	u	"	ш	"	65	63		ш	Cum "	8		
11	u	и	и	59	66	68		ш	ш	"		
Noon	и	u	и	"	"	u		ш	ш	"		
•												
Distance run by Log since	e preceding No	oon					I	knots	fat	thoms.		
Latitude by D. R. at Noon								0	•		"	
Longitude by D. R. at No								0			"	
Latitude by Observations		01						0	,		u	
Longitude by Chronomete Current during the												
time	knot		fms. per l	nour, se	tting to	the						
Variation of the Compass								0			u	
Variation of the Compass			at							205		
Water expended during the	he preceding 2		ho proceding	24 hour							allons n "	
Water Condensed Water remaining on hand	I fit for me at N	_	he preceding	24 HOUI	S					730 255	,	
Coal consumed during th								1	tons	260	lbs.	
Coal remaining on hand a								137		300	"	
-												
P,M.												
1	ENE	2	30.27	57	56	53		bc "	Cum "	8		
2	E "	3	30.26 30.24	56 "	62 61	59 "		и	ш	9		
4	u	"	"	57	55	57		и	ш	"		
5	ESE	u	"	"	52	51		ш	Cir	u		
6	"	"	30.26	55	49	48		u	Cum "	7		
7	и	2	30.28	54	46	46		"	44	5		
8	ш		30.30	"	43	41		u	ш	"		
9	ш	u	u	"	45	47		u	Nimb	6		
10	NE	u	30.32	52	44	44		u	Cum "	3		
11	"	u	30.34	50	43	"		u	ш	5		
Mid.	u	u	"	"	45	и		0	ш	0		
Longitude by Chronomete	er from Afterno	on Observ	rations ⊕					0	•		и	
Longitude by Chronomete	er Observation	s]			0	•		"	
Variation of the Compass			ob	served	at Suns	et		0	•		"	
Variation of the Compass	s by			at				0	,		и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Cum nimb clouds. Light N.N.W. breeze. Obscured moonlight. Slack water at 1.30. Swung to ebb at 2. Banked fires under two boilers. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast. Calm. Pleasant. Riding to ebb during watch. Banked fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 72°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear and pleasant. Calm. Swung to flood tide at 9.30. Engaged in painting inside and shellacing blocks. Touched up spots outside. Fires banked under two boilers. Steam pressure 40 lbs. Temp of bunkers 74°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light S breeze. Swung to ebb at 2.20. Engaged in painting and shellacing. Steam pressure 20 lbs. Banked fires under two boilers.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear and pleasant during first part, afterwards partially overcast. Light breeze from S and E. Ship swung to the ebb. Fires banked under two boilers. Average steam 20 lbs. Bunkers full.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Cloudy. Cold. Damp. Light N.E. breeze. Cum nimb clouds. Slack water at 8.50. Swung to flood at 9.30. banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 70°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

				WINI	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		ø	Courses steered.	Direction.	Force.	vay.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	o of Clear in 10ths.	of the	Record of the sail the vessel is
	Knots.	Fathoms.				ě,	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop. o Sky, in	Sea.	under at end of watch.
	Ā	Œ.												ш. о		
A,M.													_			
1				NE	3	3	30.35	49	45	46		oq	Cum Nimb	0		
2				и	2	"		"	44	45		bc	"	6		
3				NNE	5-7	3	30.36	48	43	43		bcq	"	2		
4				u	5	3	30.40	u	42	и		oq	"	0		
5				NE	2-5	"		46	43	44			Cum	"		
6				by N NNE	2-4		30.42	45	"	"			Str "	"		
7				"	3			40	"	ш			"	"		
8				и	"		30.47	"	"	ш		bcq	"	4		
9				и	u		30.50	46	44	45		bcq	a	7		
10				и	4			46 48	44 45	45 46		"	"	8		
11				и	"	"		40	46	47		66	a	"		
Noon				NE	u	"						"	u	9		
				NE				49	45	46				9		
Distan	nce rur	n by L	og since pre	ecedina Na	on						k	nots	fat	thoms.		
			at Noon	5								0			u	
			. at Noon									0			u	
-			vations at N	loon ⊕								0			"	
			onometer fro		on Obser	vations	(f)					0			"	
Currer				knot				hour co	tting to	tho						
time	: c	41 0						iloui, se	itting to	uic		0	"		u	
			ompass by				ınrıse					0	"		"	
			ompass by			at								005		
		naea d	during the p	receaing 2		41		04 5						225 (gallons "	
Water					_	the pre	ceaing	24 nour	rs					0.40	n "	
			on hand fit fo									4	tono	219	U	
			uring the pro		nours							1 136	tons	940 860	lbs.	
Coarr	emain	ing or	n hand at No	DON								130	3	000		
P,M.																
1				NE	3		30.46	49	45	46		bc	Cir	7		
				"	"			"	"	"		"	Cum "			
2				и			30.44	"	"	u		u	"			
3				u	2			u	"	u		"	"	6		
4				_			30.43						Cum	2		
5				Е	"	3	30.44	50	44	44			Nimb	3		
6				и	"	3	30.43	ш	43	43		ш	ш	"		
7				u	и	u		и	и	"		и	"	и		
8				u	"	"		ш	"	"		"	ee	1		
9				и	3	u		48	48	43		и	"	u		
10				и	1-2	"		49	44	44		0	44	0		
11				u	"	u		48	43	и		oh	Nimb	и		
Mid.				ш	1			и	ш	ш		or	и	u		
		. 61		A.C	C'	4:						0			ш	
-			onometer fro			vations	(0	•			
-			onometer O		S]			0	,			
			ompass by a	Amplitude			ob		at Suns	et		0	•			
Variati	ion of	tne Co	ompass by					at					,			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, cool. Fresh breeze from N and E. Squally. Slack water at 2.45. Riding between wind and ebb tide during latter part.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Overcast, with squalls from N.E. Clearing up last hour. New York steamer came in and passed up to Norfolk. Riding to ebb tide. Fires banked under two boilers. Steam 20 lbs. Temp of bunkers 71°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Fresh breeze from N and E. At 9.45 Commanding Officer inspected crew at quarters. At 10 Executive Officer read articles for the better government of the Navy, immediately afterwards Commanding Officer held divine service. Had general muster. J. Hallisey (2 C.B.) and Robert McGuckin (2 C.B.) deserted from boat. Swung to flood at 10.20. Richard Beale (Mach) released from confinement by order of Commanding Officer. Banked fires under two boilers. Average pressure 20 lbs. Temp of bunkers 72°.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Light N.E. breeze. Slack water at 2.45. At 3.45 Midshipman Hannum and Corpl Jones returned from an unsuccessful search for deserters. Banked fires under two boilers. Average steam pressure 25 lbs. Temp of bunkers 70°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy and cool during entire watch. Light breeze from E. Ship swung to ebb at 4. Fires banked under two boilers. Average steam pressure 25 lbs. Temp of bunkers 70°.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Overcast and cool with light breeze from E. Slack water at 9.45. Swung to flood at 10.30. Occasional showers of rain during latter part. Banked fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 70°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

				WINI	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	ē.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots	Fat					moneo.		Buib.	Daio.	ouridoc.	aymbola.		F. S		
A,M.																
1				NNE	2		30.40	49	44	44		ос	Nimb	0		
2				ш	3		30.36	47	48	43		fc	Cum Nimb	3		
3				ш	2		"	"	"	42		bcq		1		
4				ш	u		30.34	"	ш	и		or	Nimb	0		
5				"	3		30.30	46	43	44		"	"	"		
6				"	"		"	45	u	ш		"	u	"		
7				"	2		"	46	44	45		"	"	"		
8				ш	u		30.28	"	43	44		ш	Cum Nimb	"		
9				"	u		30.24	"	45	45		"	"	"		
10				ш	"		"	47	46	46		ш	"	"		
11				NE	u		30.22	48	и	и		"	"	"		
Noon				ш	"		"	50	49	49		ш	"	"		
•																
Distan	ce rur	by Lo	og since pre	eceding No	on							knots	fa	athoms.		
Latitud	le by I	D. R. a	at Noon									0		4	u	
Longit	ude b	y D. R	. at Noon									0		4	и	
Latitud	le by	Obser	vations at N	loon ⊕								0		4	и	
Longit	ude b	y Chro	nometer fr	om Foreno	on Obser	vations	•					0		4	и	
Currer	nt duri	ng the		knot	S	fn	ns. per l	nour, se	tting to	the						
time Variati	on of	the Co	ompass by	Amplitude	⊕ observ	ed at S	unrise					0		"	и	
			ompass by									0		"	и	
			during the p											225	gallons	
Water		onden		3		the pre	eceding	24 hour	rs					47		
Water			on hand fit f	or me at N	_									219	0 "	
Coal c	onsur	ned di	uring the pr	eceding 24	hours							1	tons	660	lbs.	
Coal re	emain	ing on	hand at N	oon								134	ш	1840	"	
P,M.																
1				N	2		30.18	51	47	48		or	Nimb	0		
2				ш	"		30.15	"	ш	ш		и	ш	"		
3				"	"		"	"	4	u		ofr	"	"		
4				ш	и		"	и	46	46		ш	"	"		
5				ш	"		30.16	50	47	47		om	"	"		
6				a	u		"	51	и	и		0	44	"		
7				44	1		30.18	52	и	48		ш	44	"		
8				a	0-1		30.17	и	48	и		ш	44	и		
9				Calm	0		30.16	51 "	46	46		bc		1		
10					"			u					u	2		
11									47	47		om		0		
Mid.														**		
Longit	udo h	, Chr	nometer f-	om Afterna	on Oboc	vations	. 🙉					0		4	ш	
-			nometer front nometer O			vauOHS	• T		1	ı		0			u	
-			onometer O ompass by		•		0 h	seen to d	at Suns	'		0			u	
			ompass by	Ampirtude			OD		at Juil8	ict.		0		,	"	
vanati	OH Of	uie C	unpass by					at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and rainy greater part of watch. Moderate breeze from N.N.E. Slack water at 11.30. Fires banked in two boilers. Steam 30 lbs. Temp of bunkers 69° Distiller in operation.

(Signed) Sam. C. Lemly Ensign

From 4 to 8 A.M. Overcast, rainy and cool. Light N.N.E. breeze. Swung to ebb at 5.45. Banked fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 70°. Distilling.

(Signed) J. T. Sullivan

From 8 to Merid. Overcast and rainy during entire watch. Light breeze from N and E. Slack water at 10.45. Ship swung to flood at 11.20. Fires banked under two boilers. Average steam pressure 30 lbs. Temp of bunkers 70. Distiller in operation.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Overcast. Rainy. Cool. Light N[orther]ly breeze. Foggy latter part of watch. Slack water at 3.30. Swung to ebb at 4. Banked fires under two boilers. Average steam pressure 27 lbs. Temp of bunkers 70°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast, cool light breeze from N. Riding to ebb tide. Fires banked under two boilers. Average steam pressure 20 lbs. Temp of bunkers 72°. Distilling.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Overcast but pleasant. Calm. Slack water at 9.30. Swung to flood at 11.45. Fires banked under two boilers. Steam 30 lbs. Temp of bunkers 73°. Distilling.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

WINDS. BAROMETER. TEMPERATURE. State of Forms of 🖳 State	
Hour. Courses the Clouds, Set of Rei	ecord of the sail the vessel is
g steered. Direction. Force. a Height Iner. Air Air Water Weather by 5 - the in atrd. Dry Wet at by symbols. 6 - Sea. 9 inches. Bulb. Bulb. surface. symbols. 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	under at end of watch.
A,M.	
1 NW 2 30.14 52 47 47 omc Nimb 0	
2 " 1 " 51 " " " " "	
3 W 2 " 50 " " " "	
4 WSW 3 " 49 45 46 of " "	
5 SSW 2 30.16 48 44 44 " " "	
6 " " 30.18 47 43 43 " " "	
7 W " 30.23 46 44 44 " " "	
8 " " " " " " " " "	
9 Calm 0 30.26 " 45 45 " " "	
10 N 2 30.24 49 47 47 bc Cir Cum	
11 " " 30.28 50 " " " Cir 9	
Noon " " 30.27 51 46 46 " " "	
Distance run by Log since preceding Noon knots fathoms.	
Latitude by D. R. at Noon	
Longitude by D. R. at Noon	
Latitude by Observations at Noon ⊕	
Current during the	
time knots ims. per hour, setting to the	
Variation of the Compass by Amplitude ⊕ observed at Sunrise [°] "	
Variation of the Compass by Azimuth ⊕ observed at "	
Water expended during the preceding 24 hours 225 gallons	
Water Condensed during the preceding 24 hours 730 " Water remaining an hand fit for me at Near	
water remaining of manufactor me at Noon 2700	
Coal consumed during the preceding 24 hours 1 tons 1360 lbs. Coal remaining on hand at Noon 133 " 580 "	
Coal remaining on hand at recon	
P,M.	
1 NE 2 30.26 50 46 46 bc Cir 9	
by E 2 00:25 00 40 40 50 Cum 2 2 NE " 30:25 " " " " Cum "	
3 " 1-2 " " " " " "	
4 ENE " " 45 45 b None 10	
5 NNF 2 30.24 48 47 46 bc Cum g	
6 " 1 " " " " " 8	
7 E 0-1 " 50 48 47 " Cum 9	
8 SE " " 51 49 48 " " "	
9 " " 30.28 " 48 " b None 10	
10 Calm 0 " 50 47 47 " " "	
11 SW 0-1 " 49 46 46 " " "	
Mid. " " 48 44 44 " " "	
Longitude by Chronometer from Afternoon Observations \oplus	
Longitude by Chronometer Observations	
Variation of the Compass by Amplitude observed at Sunset ° "	
Variation of the Compass by at ° "	

Commences and until 4 A.M. Overcast, foggy, cool and disagreeable. Light airs from W. Riding to flood. Banked fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 70°. Distiller in operation.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast and foggy during entire watch. Light breeze from S and W, shifting to W. Ship riding to ebb. Fires banked under two boilers. Average steam pressure 30 lbs. Temp of bunkers 72°. Distiller in operation. At 6.30 the garrison belonging to Fortress Monroe arrived from Washington. A salute of 13 guns was fired from the fort.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast. Foggy. Light N[ortherly] breeze. Inspected at quarters at 9.30. Broke out light sails. Broke and bent mainsail and fore topmast staysail. Riding to ebb. Clear and pleasant latter part of watch. Banked fires under two boilers. Average steam pressure 30 lbs. Temp of bunkers 73°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N and S. Slack water at 12.15. Swung to flood at 1. Bent light sails, flying jib and mizzen gaff topsail. Bent tacks and sheets. At 3.30 furled sail. Fires banked under two boilers. Average steam pressure 35 lbs. Temp of bunkers 72°.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear and pleasant, light variable airs. Slack water at 4.40. Swung to ebb at 5. Engaged preparing ship for sea. Hoisted smoke pipe. Fires banked under two boilers. Steam pressure 20 lbs. Temp of bunkers 71°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and cool. Bright starlight. Light variable airs. Riding to ebb tide. Average steam 20 lbs. Temp of bunkers 70°.

(Signed) J. T. Sullivan Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Hampton Roads Va

				WINE	DS.		BAROME	TER.	TE	EMPERATI	JRE.	State	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	Ā	Œ.										S.		ш ол		
					2		20.22	47	40	40		ha	Ci-	7		
1 2				S "	2		30.32	47	40 "	40 "		bc "	Cir "	7		
				S by	"		20.20	"	ш	ш		ш	ш	0		
3				w [°]	ш		30.30		ш	ш		u	u	8		
4							30.25	44					 Cir			
5				SW	3		30.22	9	44	44			Cum			
6				"			30.20	48	ш	u		ш	Cir Str	6		
7				SSW "	2		30.18			43			"			
8					3				43	44		•	 Cir	4		
9				SW	и		30.46	50	47	46		и	Cum	7		
10				"	ш		ш	52	50	49		ш	и	8		
11				и	2		и	"	ш	ш		"	ш	7		
Noon				SSW	1		30.14	55	53	52		и	ш	и		
Distar	nce rui	n bv L	og since pr	ecedina No	on						k	nots	f	athoms.		
			at Noon									0		,	"	
			R. at Noon									0			и	
_			rvations at N	Noon ⊕								0		•	ш	
Longi	tude b	y Chr	onometer fr	om Foreno	on Obse	rvation	ns ⊕					0		•	ш	
Curre	nt duri	ing the	е	knot	s		fms. per h	our, se	tting to t	he						
time Variat	ion of	the C	ompass by	Amplitude (⊕ obser\							0		и	ш	
			ompass by									o		66	ш	
			during the p											225 g	allons	
Water					during	the p	receding 2	24 hour	s						"	
Water	rema	ining	on hand fit f	for me at No	oon									2190) "	
Coal	consu	med d	luring the pr	eceding 24	hours							13	tons	780	lbs.	
Coal	emair	ning o	n hand at N	oon								119	"	2040	ш	
_																
P, M.																
1	Unde	erway		SW by W	1		30.10	57	56	54		bc	Cir Cum	1		
2	unde	er dire	ction	S	2		30.06	58	55	u		"	"	"		
3	of Pi	lot		SW	1		30.05	57	53	52		ос	u	0		
4	7	4	SE	S	3		ш	56	и	u		fc	и	2		
5	8	6	SE S by E,	u	2		30.06	"	52	51		bcm	Cum	3		
3	1	4	3/4 E		2		30.00					DOM	Ouiii	3		
6	10		"	ш	ш		30.07	50	ш	u		44	u	4		
7	ш		"	44	"		30.08	54	51	50		ш	и	3		
8	10	2	" Chu E	44	"		30.10	53	52	51		и	u	u		
9	9	6	S by E 3/4 E	"	ш		ш	54	50	50		и	u	и		
10	9	6	"	ш	и		ш	53	и	и		ш	u	2		
11	4 4	6 6	S by e 3/4 E S 1/2 E	ш	ш		и	и	ш	ee		ш	ш	ш		
Mi d.	10	6	S 1/2 E	es	ш		ш	ш	ш	44		ш	ш	1		
Longi	tude b	y Chr	onometer fr	om Afterno	on Obse	rvatio	ns ⊕					0		•	"	
_			onometer O]			0		•	и	
Variat	ion of	the C	ompass by	Amplitude			ob	served	at Sunse	et		0		4	u	
Variat	ion of	the C	ompass by					at				0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Starlight. Light S[outher]ly breeze. Swung to flood at 12.40. At 3.15 moon rose. Banked fires under two boilers. Temp of bunkers 70°. Average steam pressure 30 lbs.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Commenced clear and cool. Moderate breeze from S and W. Slack water at 4.30. Swung to ebb at 6. Secured boats for sea. Lighted fires under 8 main boilers at 6.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from S.W. falling light latter part. Engaged preparing ship for sea. At 11 brought to on port chain and hove up port anchor, foul at 30 fathoms chain. Received from Norfolk Navy yard, per "Pinta", in Equipment Department, one anchor weighing 3754 lbs, and in Navigator Department, 47 galls lard oil. Struck starboard anchor below and bent starboard chain to the anchor received. By order of commanding Officer, Midshipman P. Henderson was suspended from duty for smoking when on duty in boat. Ships draught, forward 14 ft 3 in, amidships 14 ft 2 in, Aft 16 ft. Fire in all boilers. Steam 76 lbs. Temp of bunkers 76°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from S and W. Cleared port bower anchor and secured both anchors for sea. Unbent port chain. At 2.40 sighted U.S.S. "Swatara" bound for Norfolk and exchanged numbers. Pilot left at 3. At 3.15 took departure, Cape Henry bearing W, distant two miles. Several sail in sight. Land on starboard quarter. Fires in all boilers. Average steam 70 lbs. Temp of bunkers 90°. Average revolutions 60-9. At 3.45 set jib and flying jib.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear overhead, hazy around horizon. Light S[outher]ly breeze. At 4.45 changed course to S. By E. 3/4 E. and took in jib and flying jib. Sighted Currituck Light at 6 o'clock bearing S.W. At 7.15 sighted Body Island Light bearing S.W. by S. Average steam 70 lbs. Revolutions 58. Temp of bunkers 120°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather cloudy and hazy. Light S[outher]ly breeze. Sea smooth. At 8.30 got a cast with the lead in 15 fathoms water. At 10.30 Body Island Light bore (pc) W, altered course to S 1/2 E. and hove the lead, 13 fathoms water. At 11.15 sighted Hatteras Light bearing (pc) S.S.W. 1/2 W. Steam pressure 70 lbs. Revolutions 58. Temp of bunkers 100°. At end of watch Hatteras Light bore S.S.W. 3/4 W. (pc) Body Island Light bore N.W. 3/4 W.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

											t Sea	а					
Hou r.	Knots.	Fathoms.	Courses steered.	WINI Direction.	Porce.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	TURE. Water at surface.		State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths	State of the Sea.	Record of the sail the vessel is under at end of watch.
A, M.													dymbold.				
1	10	6	S 1/2 E	NNE	1		30.08	53	50	50	44		bcm	Cum	4	S	Steaming 8
2	9		ш	NE	4		30.07	54	52	52	69		и	"	2	"	boilers. Foresail.
3	5 2	4 6	" S 1/4 W	u	6		30.00	59	59	59	74		ш	"	0	"	
4	10	U	SW 1/4	ш	5		29.98	"	"	4	70		ш	"	1	"	
-	10		W		3		29.90				70			Cum	-		
5	11		44	NNE	3		30.00	58	58	58	69		bc	Str	6	"	Steaming 8 boilers
6	11		ш	ш	"		30.02	59	59	ш	64		ш	"	5	"	Foresail. Topsails
7	12	2	ш	и	4		30.03	60	u	59	и		om	Cum Nimb	0	u	Topgallants sails
8	12		и	NNE	u		30.04	"	58	58	u		ш	"	"	u	& jib.
9	1		ш	N by	ш		u	59	59	59	69		ш	"	u	u	Foresail, topsails.
	8		sw by w	Е													
10	12		и	NNE	ш		"	60	59	ee	57		bcm	"	3	m	Top gallant sails
11	5 6	4	sw by w 1/2 w	и	5		30.05	ш	66	ш	74		ш	ш	5	ш	Fore royal &
No on.	13	6	ш	и	ш		30.04	ш	57	57	70		"	ш	7	ш	jib.
Dista Noor		n by l	og since pre	eceding							217	kr	nots	4	fathoms	i.	
		D. R.	at Noon									34	0	0 '	30) " N	
			R. at Noon									76	0	51 '		" W	
-			rvations at N	Joon ⊕								33	0	57 '	30		
			onometer fr		on Ohse	rvatio	ns 🕀					76	0	42 '		" W	
_	ent dur													42		VV	
time		-		knot			fms. per l	hour, se	tting to	the	S 71° E						
Varia	ition of	the C	compass by	Amplitude	⊕ observ	ed at	Sunrise						0		4	"	
Varia	tion of	the C	compass by	Azimuth ⊕	observe	d at							0		4	"	
Wate Wate		nded	during the p	receding 2		the r	preceding	24 houi	rs						224 g	allons "	
		ining	on hand fit f	or me at No	_	, ,	3								2190	"	
Coal	consu	med o	during the pr	eceding 24	hours								10	tons	1950	lbs.	
			n hand at No	-									109		90	"	
000.		9											.00	,			
P, M.			Sw by w														
	3		1/2 w											Cum			
1	5	6	Sw by w 3/4 w	NNE	5		30.04	59	56	56	70		bcm	Nimb	7	M	Foresail, topsails,
2	10		Sw by w 1/4 w	и	ш		и	58	44	"	68		ш	ш	1	u	Topgallant sail.
3	10		и	"	4		30.05	"	"	"	71		bc	Cir Cum	"	"	jib and royals.
4	8	6	ш	"	"		30.06	"	57	"	65		u	"	"	f	
5	9	2	Sw by w	"	44			ш	"	"	64		u	4	1	u	Foresail, topsails, royals
		_	sw by w		u			00	"	"				Cum	-	u	
6	9		1/4 w		-		30.08	60	-		66		0	Nimb	0	-	and topgallant sails.
7	9		ш	N	"		30.06	"	"	"	69		bc	Cir Cum	5	u	Single reefed topsails
8	8	4	и	и	"		u	"	58	"	"		u	"	"	М	
9	8		sw 1/2 w	u	"		и	u	57	57	68		u	"	6	u	
10	7		ш	44	и		"	u	**	"	44		"	44	5	S	Single reefed topsails
11	7		и	и	u		"	"	"	"	"		u	"	"	u	Topgallant sails
Mi d.	7	2	ш	и	5		и	u	ш	"	u		ш	u	6	и	Foretopmast staysail.
	itude b	y Chi	onometer fro	om Afterno	on Obse	rvatio	ns ⊕						0			и	
-			onometer O						1				0			"	
-		•	compass by		-		oh	served	ر at Suns				0			"	
				puuc			35		at Julio				0			"	
varia	uuun Of	me C	compass by					at									

Commences and until 4 A.M. Overcast. Warm. Misty. Fresh N.E. wind. Cum clouds. At 12.50 made Cape Hatteras Beacon bearing (pc) S.W. by W. At 1.10 lost sight of Body Island Light bearing (pc) N.N.W. At 1.30 Cape Hatteras Light bore (pc) W. Stopped engine and got cast of lead in 17 1/2 fathoms, sandy bottom. At 1.45 started ahead. At 2 entered outer edge of Gulf Steam. At 2.30 stopped and got two casts, no bottom at 50 fathoms. At 2.45 started ahead and changed course to S and W. At 3 changed course to S.W. 1/2 W and set Foresail. At 2.30 lost sight of Cape Hatteras Light bearing (pc) W.N.W. Steaming with eight boilers. Average steam pressure 60 lbs. Revolutions 59. Temp of bunkers 108°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Overcast. Misty. Warm. Fresh breeze from N.N.E. At 6 crossed topgallant and royal yards. Made sail to topgallant sails, hoisted jib. Steaming with 8 boilers. Average steam pressure 68 lbs. Temp of bunkers 120° Revolutions 55.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Stopped engine, luffed to and got cast of deep sea lead at 8.05, no bottom at 50 fathoms. Stood on course at 8.20. Cloudy with mist around horizon, clearing up last hour. At 10.22 stopped engine, let fires die out in two boilers and banked fires in six. At 10.25 changed course to S.W. by W. 1/2 W. AT 10.45 disconnected propeller. Several sail in sight. Exchanged colors with an American barque standing to E. At 10.35 set fore royal. Steam 50 lbs. Revolutions 55. Temp of bunkers 110°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Fresh N.N.E. breeze. At 2.30 brought by the wind and got cast of lead in 23 fathoms, white sand. Filled away at 12.45. Changed course to S.W. by W. 1/4 W. at 12.25. Put over patent log at 12.45. Set royal at 1.20. Banked fires in six boilers. Average pressure 25 lbs. Temp of bunkers 100°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Cloudy and pleasant. Fresh N[orther]ly breeze. Moderate sea setting to S. At 5.15 mustered at quarters. At 5.30 took over reef in the topsails and sent down royal yards. At 6 sighted Frying Pan Shoals light bearing N.N.W. not visible from deck. Gave Wm. H. Johnson (W.O.C.) extra duty for 4 hours, from 12 to 4 A.M. for three nights, by order of Commanding Officer, for insolence to sentry. Steam pressure 25 lbs. Temp of bunkers 100°. Distiller in operation. At 8 hauled in patent log. Registered 63 miles. Reset it.

(Signed) J. K. Cogswell, Lieut.

From 8 to Midnight. Cloudy. Cool. Pleasant. Moderate N[orther]ly breeze. Smooth sea. Ship rolling easily. At 8 changed course to S.W. 1/2 W. Banked fires under six boilers. Distilling. Average steam pressure 20 lbs. Temp of bunkers 76°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

				WINDS.			BAROME	ΓER.	TEM	MPERATI	JRE.	04-44	F		01-1-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.																
1	7	2	sw	NE	6		30.06	59	58	58	66	0	Cum	0	S	Single reefed topsails
2	7	_	1/2 w "	N	"		"	"	57	57	63	od	Nimb "	"	"	Topgallant sails fore
3	8		u	"	ш		ш	и	<i>"</i>	"	62	bc	"	1	ш	sail, foretopmast stay-
4	8		и	и	u		30.04	58	u	56	65	"	44	"	"	sail.
5	7	4	u	N by E	5		"	"	ш	"	68	ш	"	ш	"	Topsails, topgallant
6	7		u	"	u		u	57	и	57	70	ш	"	0	"	sails, foresail and
7	7	4	и	NNE	ш		ш	"	ш	u	69	ос	Cum	"	"	foretopmast staysail.
			"	n by e	и		20.06	ш	ш	"		"	Str "	4	"	Torotop.madt diayoum.
8	7	4		1/2 e			30.06				70		Cir	1		
9	8		и	NNE	и	,	ш	58	58	58	69	bc	Cum	3	"	Topsails Topgallant
10	3 3	6 6	sw 1/2 s	u	"		ш	59	"	ш	70	и	"	и	ш	sails, foresail, fore
11	8		"	и	u		"	"	59	59	"	ш	u	"	"	topmast staysail.
Noon.	8		u	u	ш		ш	60	60	60	69	44	u	ш	ш	
Distance	run by	Log	since prece	ding Noon							139	knots	6	fathoms		
Latitude	by D. F	R. at N	loon								3	81 °	53 '		" N	
Longitud	le by D.	R. at	Noon								7	'9 °	38 '		" W	
Latitude	by Obs	ervat	ions at Noc	n ⊕							3	81 °	45 '	30	" N	
Longitud	le by Cl	nrono	meter from	Forenoon C	bservatio	ns ⊕						80 °	02	30	" W	
Current	during t	he tin	ne	knots	6	fn	ns. per h	our, set	ting to th	e S	69° W.					
				plitude ⊕ ob		t Sunri	ise					0		4	44	
				muth ⊕ obse								0		4	44	
			-	eding 24 ho										225 g		
Water		onder		4 NI	during t	he pre	eceding 2	4 hours	;					225		
				me at Noon eding 24 hou	ire							7	tons	630 1765	lbs.	
			and at Noor	-								101		575	"	
PM																
1	3 3	4	sw 1/2 s s 1/2 w	N by	4	:	30.03	62	61	61	67	bc	Cir Cum	4	s	
2	6	6	S 1/2 W	E "	ш	:	30.02	u	62	62	ш	"	"	"	"	
3	6	2	и	ш	5		30.01	64	64	63	"	u	u	7	"	
4	6		u	u	u	:	29.99	u	63	62	68	u	"	9	"	
5	6	4	u	u	u	:	30.00	63	62	"	69	u	Nimb	1	"	Under single reefed
6	6		ш	ш	ш	:	30.02	u	"	u	68	ш	Cum Nimb	7	и	topsails, topgallant
7	6	4	u	и	ш	:	30.03	"	u	"	70	bcl	Cum Str	9	"	sails, foresail and
8	6		u	и	и	:	30.04	62	и	"	72	ш	Cum	8	"	foretopmast staysail.
9	5	4	и	ш	u		"	"	"	"	"	u	Nimb "	"	"	
10	1	6	"	NNE	u	:	30.06	64	64	"	"	u	"	ш	ш	Foresail, single reefed
11	5 10		S 1/2 E	NE	ш		u	63	63	"	74	"	ш	"	"	topsails, topgallant
				by N	,,		,,				, -		,,	_		Sails. Foretopmast staysails & steam 6
Mid.	11					·	-	64	64			bc		7	*	boilers
Longitud	le by Cl	nrono	meter from	Afternoon C	bservatio	ns ⊕						0			"	
-			meter Obse]			0			u	
Variation	of the	Com	oass by Am	plitude			obs	erved a	t Sunset			0		•	u	
Variation	of the	Com	oass by					at				0			u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

[Editor's Note: The following is a separate note attached to the logbook page of February 9, 1877.]

The following named 2nd C. Boys, will be rated 1st C. Boys from February 9th (inclusive) for good conduct. By order of Commanding Officer, Viz.

W. J. Hasion W. W. Sheldon F. W. L. Gray J. F. Parllow Harry Hill Patrick Pench D. W. Helleu W. F. McCann Francis Shields Bailey Leavey Wm. White Ed. Morau Fred Wolfinger P. H. Erasmous J. C. Gable Robert Laudon

Commences and until 4 A.M. Overcast, warm. Fresh breeze from N. Barometer steady. Fires banked in six boilers. Average steam pressure 30 lbs. Temp of bunkers 76°. Distilling.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 A.M. Overcast but pleasant, fresh breeze from N. and E, barometer steady. At 7.20 shook reefs out of topsails. Sea smooth. Fires banked in six boilers. Steam 30 lbs. Temp of bunkers 100°. Stopped distilling at 6. At end of watch patent log indicated 85 1/2 knots. Reset and put it over again.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Fresh N.N.E. breeze. At 8.40 crossed royal yards and bent gear. At 8.50 set royals. At 9.30 changed course to S.W. 1/2 S. Barometer steady. Fires banked in six boilers. Average pressure 30 lbs. Temp of bunkers 72°. Inspected crew at quarters at 9.30. Oiled hide rope. Lost a fire bucket overboard from Foretop.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Weather warm and pleasant. Moderate breeze from N. Sea moderate, well setting to the S and W. At 12.30 got a cast with the lead in 20 fathoms, fine gray sand. At 12.40 changed course to S. 1/2 W. Ship rolling easily maximum 17°. Steam pressure 30 lbs. Temp of bunkers 95°. Released Thos Murphy (I.C.A.) from confinement and made him a prisoner at large, by order of Commanding Officer.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Weather clear, warm. Light N. by E. breeze, sea smooth. At 5.10 took in and furled royals, took one reef in topsails, sent down royal yards. At 7.45 got a cast of deep sea lead in 25 fathoms water. Lightening to N. and E. Fires banked in six boilers. Average steam pressure 30 lbs. Temp of bunkers 100°.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Fresh breeze from N and E. At 9.45 changed course to S 1/2 E. Coupled on propeller and started engine. Under steam and sail. Lightening to N and E. Steam pressure 60 lbs. Temp of bunkers 84°. Average revolutions 50.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut.

Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

					WINDS			BAROME	TER.	TE	MPERATU	IRE.	State of	Forms o	of .		State	
Hour.	Knots	i	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, b symbols	by g	ŧ,	of the Sea.	Record of the sail the vessel is under at end of watch.
	¥		Œ.													. •		
A,M 1	1	0	4	S 1/2 E	NNE	2		30.03	65	64	64	74	bcl	Cir bui	m 9	5	3	Foresail, topgallant sails,
2	1				u			30.00	u	65	"	75		"	"			single reefed
3	1	0	2	и	N by	"		29.98	u	"	65	u	bc	u	8			topsails & foretopmast
4	1	0		ш	E "	ш		29.98	и	66	u	u	u	u	"			staysail.
5	1		4	"	N by	3		29.97	66	"	"	76	u	"	9			
6	1			ш	WNW			"	u	ш	"	u	ш	ш	"			
7	1			ш	"	ш		30.00	ш	ш	"	ш	ш	ш	8	4		
8	1	0		ш	W by	u		30.01	и	ш	u	u	и	и	"	"		Single reefed top
9	1	0		S	N W	ш		30.03	68	68	66	77	u	u	9			sails, topgallant
10	1			"	"	ш		30.04	и	"	65	74	u	Cum	"			sails, foresail, fore
11	1	0		ш	ш	5-7		"	u	67	64	73	bcq	Cum	2			topmast staysail
Noon.	9		4	ш	NW	4		и	и	"	u	72	bc .	Nimb Cir Str				& Maintop sails.
												-			_			
Distan	ce run	by Lo	g sin	ice preceding	y Noon							119	knots		0 fatho	ms.		
Latitud	le by D	. R. a	at Noo	on								2		28	•	36	" N	
Longit												8		9	•	30	" W	
				ns at Noon ⊕								2		31	•	36	" N	
•				eter from For								8	0 °	11	•		" W	
Currer		-			knots	0		ms. per h	our, set	ting to th	ne N		0		4		"	
				ss by Amplitu ss by Azimut			Sulli	5 C					0		4		"	
				the precedir											22	5 gal	lons	
Water					3		the pi	eceding 2	24 hours	;						· 3-	"	
Water	remain	ning o	n har	nd fit for me a	at Noon										2	90	"	
Coal c	onsum	ed du	ıring 1	the preceding	g 24 hours	;							16	tons	320	I	bs.	
Coal re	emainir	ng on	hand	d at Noon									85	ш	255		u	
PM																		
1	10	2	s		WNW	5		30.00	65	65	64	71	bc	Cir Str	8	5	3	Foresail T. G. sails,
2	11	2	"		NW	5-		"	66	u	"	70		u	9			Single reefed topsails.
3	11	_	"		"	6		"	"	64	"	"	u	и	"			Foretopmast staysail.
4	10	4	"		"	u		и	65	65	u	69	u	и	**			i orctophiast staysaii.
5	9		S 3	3/4 E	NNW	6-		30.04		63	62	67	bcq	ш	5			Foresail, T. G. sails,
6	9		"		u	7 3		"	64	64	63	"	bc	ш				Single reefed topsails,
7	9	4	"		N 3/4	"		30.05	"	"	64	u	"	Cum	4			Foretopmast staysail.
8	9	•	"		W "	ш		30.02	ш	ш	"	"	ш	Nimb "	8			r orotopmust staysam.
o	7	0		/4 e														
9	1	6 4	s b	y e1/4 e "	N by W	4		29.97	и	и	ш	70	bcl	Cum	8			
10	6 3	0		y e 1/2 e /4 e	NNW	5		30.08	и	63	63	u	u	ш	9			Single reefed topsail
	6	0	s 3	/4 e		5-								Cum				
11	3 4	4 0	s 1. s b	/4 e v e		6		30.09			62	69	bcq	Nimb	6	"		and foresail.
Mid.	5 5	0		y e 1/4 e	и	3		44	"	и	ш	ш	b		10	4		
l a = = "	نا ماما	Ob-		atou fue A.C.	· · · · · · · · · · · · · · · · · · ·	aan4!.							0		,		v	
_				eter from Afte eter Observa		servation	ıs 🕀			1			0				"	
_				ss by Amplitu				ohe	served a	ıt Sunse	t		0				u	
Variati								OD	at		-		0				"	
· andu	J. U		pu	~,					at									

Commences and until 4 A.M. Clear and pleasant, but heavy bank of clouds to E, with occasional lightening first two hours. Barometer falling slowly. Light breeze from N.N.E. veering to N. Steaming three fourths power, steam pressure 55 lbs, revolutions 51, temp of bunkers 105°. By order of Commanding Officer, gave W. H. Johnson (W.O.C.) Richard Jones (W.R.C.) and John Millsmore (Boy) four hours extra duty.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Warm. Light breeze from N and W. Lightening in W during first part of watch. Bank cir cum clouds in E. Steaming under six boilers. At 6 A.M. set main trysail. Steam pressure 66 lbs. Temp of bunkers 115°. Revolutions 53.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Weather clear and pleasant. Moderate breeze from N and W. At 8.05 changed course to S. At 11 took in topgallant sails to a squall, reset them at 11.15. At 11.25 stopped the engine to cool a journal. At 10 set jib and spanker. Sea smooth. Steam pressure 68 lbs. Temp of bunkers 90°. Revolutions 52°.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Pleasant. Fresh N.W. breeze. At 3.30 hove to and got soundings in 23 fathoms, bottom shell and coral. Steam in six boilers. Average steam pressure 66 lbs. Temp of bunkers 100°. Revolutions 53. At 3.30 braced in, hauled down jib and took in main trysail and spanker.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant, except rain squalls at 5.30. Fresh breeze from N. At 4 hove to and got soundings 19 fathoms, bottom sand and shells. At 5.30 took in and furled topgallant sails. At 6 got soundings 14 fathoms, bottom sand and shells. At 7.30 hauled down foretopmast staysail. At 7.50 got soundings 13 fathoms, bottom gray sand. Steam in six boilers. Average pressure 57 lbs. Temp of bunkers 100°. Revolutions 50. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and pleasant, with N. W[ester]ly Wind fresh in squalls third hour. At 9.05 made Jupiter Fulet Light (pc) S. 1/2 E. Changed course frequently during watch, running by light. Got cast of the lead every hour, in from 12 to 15 fathoms water. At end of watch Jupiter Fulet Light bore (pc) N.N.W. Land in sight on starboard beam. Steaming three fourths power. Steam 65 1/2 lbs. Temp of bunkers 100°. Revolutions 51-4.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

				WIN	DS.	BARON	METER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hou r.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
AM															
1	10		S	NW	4	30.08	62	62	62	75	bc	None	10	s	Single reefed topsails.
2	4	4	s 1/4 e	WNW	u	u	61	61	60	u	ш	4	"	"	Foresail, foretopmast
3	4 9	4	s 1/2 e S	"	u	u	"	60	"	u	ш	"	"	"	Staysail.
4	10		S 1/4 W	44	5	"	"	"	ш	73	**	"	"	"	Gtaysan.
5	10		S 1/2 W	44	4	"	"	"	и	74	и	"	"	"	
6	10	5	S	и	и	30.10	"	57	56	44	ш	Cum	9	"	Topsails, foresail, jib
7	10	4	и	ш	"	30.16	59	58	и	75	ш	ш	"	"	Foretopmast staysails
8	10	4	S by W	u	6	30.18	58	"	и	u	ш	"	"	"	Main try sail
9	10	4	и	"	u	30.20	"	"	ш	u	44	"	"	"	Spanker T.G. sails
10	10	4	SW	ш	ш	u	59	59	ш	74	ш	u	"	"	
11	10		и	44	"	30.17	60	60	58	75	ш	"	"	"	Spanker Main try sail
No on.	10		ш	ш	ш	30.16	62	58	ш	u	f		10	и	Foretopmast staysail & jib
Dioto	noo ru	ın by l	Log since pre	anding No						24	0 knots	2	fathoms		
			. at Noon	cocuring 140	,011					2-7	0 111013		automo	. "	
			R. at Noon								0			"	
		-	ervations at N	loon ⊕							0			"	
			ronometer fro		on Obser	/ations ⊕					o			ш	
Curre	ent dur			knot		fms. per	hour, se	ettina to	the						
time Varia	tion of	f the (Compass by			ed at Sunrise		3			0	ш		"	
			Compass by								0	u		ш	
			during the p										225	gallons	
Wate		Conde				the preceding	24 hou	rs					73		
Wate	r rema	aining	on hand fit f	or me at N	oon								219	0 "	
Coal	consu	ımed (during the pr	eceding 24	hours						14	tons	1740	lbs.	
Coal	remai	ning c	on hand at No	oon							70	" 7	755	ш	
P,M.															
1	9	4	SW by W 1/4 W	WNW	6	30.13	63	64	64	73	f	None	10	S	Spanker, main try
2	9	6	ш	ш	u	30.11	"	"	59	ш	u	"	"	u	sail, foretopmast
3	8	4	W 1/2 S	ш	u	ű	"	65	60	ш	bc	Str	9	"	staysail, jib
4	9	4	W SW 1/4 W	65	u	44	64	64	62	74	u	Cum Str	u	и	
5	9	2	W by S	44	6-7	30.10	"	65	u	44	u	"	10	"	
6	5		и	и	и	u	65	66	и	73	u	ш	9	"	
7			g in for	44	"	30.12	64	67	63	ш	u	ш	"	"	
8	an	chora	ige	ш	5	"	"	"	и		u	"	"	u	
9				N	u	30.11	68	69	66		ш	"	3	u	
10	At	ancho	or	ш	u	30.40	"	"	ш		и	ш	8	"	
11				ш	44	ш	"	68	u	44	u	u	9	"	
Mid.				и	и	30.12	и	и	и	es	ш	es	"	и	
_			ronometer fro			vations ⊕					0	,		и	
-			ronometer O		S				•		0	•		u	
			Compass by	Amplitude		0		at Suns	set		0	•		и	
Varia	tion of	f the C	Compass by				at				0	•		"	

Commences and until 4 A.M. Clear. Pleasant. Fresh breeze from N and W. At 1.10 got cast of lead in 12 fathoms water. At 1.25 hoisted Foretopmast staysail. At 2 took soundings, 16 fathoms, no bottom. At 3 took soundings, 25 fathoms, no bottom. At 4 took soundings, 28 fathoms, no bottom. Gave Richard Jones (W.R.C.) and W. H. Johnson (W.O.C.) four hours extra duty on quarter deck, by order of Commanding Office. Steam in six boilers. Average pressure 64 lbs. Temp of bunkers 110°. Revolutions 42.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Clear and pleasant. Fresh breeze from N and W. Sea smooth. At 5.10 sighted Cape Florida Light bearing (pc) S.S.W. Land in sight along starboard beam. Passed several beacons. Sent up Topgallant and royal yards, and set Topgallant sails, royals, jib and spanker. At 8 took in royals and spanker. Cadysfort Light in sight at end of watch bearing W. 3/4 S. distant four miles. Steam 58 lbs. Revolutions 52.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear. Warm. Fresh N.N.W. breeze. At 9.30 shortened and furled square sails, sent down royal and topgallant yards. At 10 inspected at quarters. Coasting along Florida reefs. Steaming under six boilers. Passed several sails bound to N. Steam pressure 65 lbs. Temp of bunkers 106°. Revolutions 54-7. Alligator reef Light, at end of watch bore (pc) W.N.W. 1/2 W. At 12 hauled in patent log which showed 56 1/2 miles.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Fresh breeze from W.N.W. Passed several sail. At 3.05 Sowburo Light bore N, distant one mile. Steam in six boilers. Pressure 64 lbs. Temp of bunkers 110°. Revolutions 57.

(Signed) Wainwright Kellogg

From 4 to 8 P.M. Clear and pleasant, fresh breeze from W.N.W. At 5 took in jib, foretopmast staysail and spanker and at 7.30 Main trysail. At 6.30 made Land Key Light (pc) W. 1/2 N. and at 6.30 Key West Light (pc) N.W. by W. Sent up two rockets and burned blue lights. At 7.45 called all hands bring ship to anchor. Steaming three fourths power. Steam 65 lbs. Temp of bunkers 110°. Revolutions 48.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Fresh breeze from N. Came to anchor at 8.10, off Key West, in 7 fathoms water, veering to 45 fathoms on port chain. Bearings at anchor Sand Key Light S.W. by W 1/2 W. and Key West Light N. 1/2 W. Fires banked under six boilers. Average steam 31 lbs. Temp of bunkers 106°.

(Signed) J. T. Sullivan Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Key West, Florida

				WINI	DS.		BAROME	TER.	Т	EMPERAT	URE.	01-1	F 1		01-1-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	ě,	eight in ches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
Δ Μ	Υ	ш														
A,M. 1				NNW	6	30	0.13	68	67	67		bc	Cum	4		
2				"	").12	"	"	66		bcq	Cum	3		
				u	44	"	J. 12	"	ш	"		"	Nimb "			
3 4				"	5	"		"	ш	"		"	"	6 9		
5	۸4.			u	"	20	10	67	66	"		ш	Cir			
	AL	anchor.		и	44		0.10	67	66	44			Cum "	5		
6				N by).11	"		"		bc	"	7		
7				E	4	30).12		67					9		
8				"	3	u		"	"	68		"	ш	"		
9					"			68	68	"						
10	At a	anchor		u	"	30).11	70	69	"		b "	None "	10		
11 Noon				и	u	"		"	и	"		u	u	"		
•																
Distan	ice ru	n by Lo	g since pre	eceding No	on						k	nots	fa	athoms.		
Latitud	de by	D. R. a	t Noon									0			"	
Longit	ude b	y D. R.	at Noon									0			ш	
Latitud	de by	Observ	ations at N	loon ⊕								0		•	и	
_			nometer fro	om Foreno	on Obser	vations @)					0			ш	
Currer time	nt dur	ing the		knot	s	fms	. per h	our, se	tting to	the						
	ion of	the Co	mpass by	Amplitude	⊕ observ	ed at Sur	nrise					0		"	"	
Variati	ion of	the Co	mpass by	Azimuth ⊕	observed	l at						0		"	и	
Water	expe	nded d	uring the p	receding 2	4 hours									225 (gallons	
Water					during	the prece	eding :	24 hour	s						"	
		_	n hand fit f											170	0 "	
			ring the pr	-	hours							1	tons "	1640	lbs.	
Coal re	emair	ning on	hand at No	oon								68	ű	1300	и	
P,M.																
1				N	3	30).14	71	73	70		b	None	10		
2			Wharf, Florida	и	"	30).16	ш	и	u		ш	u	"		
3	-	,		u	2	30).15	72	и	44		bc	Cir	8		
4				и	"	30).14	"	72	"		"	Cir Str	7		
5				NNW	3	30	0.06	u	и	и		u	Cir Cum	6		
6				ш	2	44		u	и	и		ш	Cir Str	5		
7				N	"	30	0.02	71	71	u		ш	u	8		
8				и	"	30	0.05	"	и	69		"	ш	9		
9				и	3	30	80.0	72	ш	70		b	None	10		
10				u	"	"		"	ш	"		"	ш	"		
11				u	44	44		u	и	44		и	ш	ш		
Mid.				и	ш	ш		44	69	69		ш	ee	"		
Longit	ude b	y Chro	nometer fro	om Afterno	on Obser	vations @	Ð					0			u	
Longit	ude b	y Chro	nometer O	bservations	s]	l		0			u	
Variati	ion of	the Co	mpass by	Amplitude			ob	served	at Suns	et		0		•	u	
Variati	ion of	the Co	mpass by					at				0		•	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy, warm, squally. Fresh breeze from N.N.W. Barometer steady. Average steam pressure 85 lbs. Temp of bunkers 105°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Warm. Pleasant. Fresh N. by E. wind. Cir cum cloudy. At 6.30 Key West pilot came aboard. Banked fires under six boilers. Average steam pressure 35 lbs. Temp of bunkers 108°. At 7.50 spread fires.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant, with fresh N. by E. breeze. At 9 got underway and stood in for Key West Harbor. At 10 let go port anchor in Key West harbor in five fathoms of water and veered to 25 fathoms. At 10.45 got underway, steamed in and made fast to Government Wharf. Hauled fire under all boilers.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear. Warm. Light N[orther]ly breeze. During first part watch, men engaged in cleaning ship. J. P. Marker (2 C.A.) placed in solitary confinement, on bread and water, for fighting and refusing duty. At 1 Summary Court Martial convened for the trial of Thomas Murphy (O.S.2 C.)

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear. Warm. Light breeze from N.N.W. At 5.10 Summary Court Martial adjournment. Flood tide.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Clear and pleasant. Light breeze from N. Bright starlight. Ebb tide. Temp of bunkers 80°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Key West, Florida

				WIN	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Si	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots	Fatt					mones.		Buib.	Buib.	ouridoc.	ayiibola.		도 X		
A,M.																
1				N	3		30.07	70	72	71		b	None	10		
2				и	"		30.08	и	70	69		ш	ш	"		
3				"	4			u	69	68		"		"		
4				NNE									" Cum			
5				и	3		30.07	69	и	66		bc	Str	9		
6					u		30.08	70	ш	и		b	None	10		
7				N by E	2		u	ш	70	69		u	ш	u		
8				u	"		30.09	"	71	70		66	44	"		
9				NNE	u		"	71	"	71		es	ш	u		
10				и	u		"	72	"	72		ш	44	"		
11				и	u		30.08	74	73	и		66	44	ш		
Noon				ш	ш		"	ш	74	"		и	ш	и		
Distan	ce rur	n by Lo	og since pr	eceding No	on						k	nots	fa	athoms.		
Latitud	le by l	D. R. a	at Noon									0		4	66	
Longit	ude b	y D. R	. at Noon									0		4	44	
Latitud	le by	Obser	vations at I	Noon ⊕								0		4	44	
-				om Foreno	on Obser	vations	3 ⊕					0		•	**	
Currer time	nt duri	ng the		knot	s	fr	ns. per l	hour, se	tting to	the						
Variati	on of	the Co	ompass by	Amplitude	⊕ observ	ed at S	Sunrise					0		ш	66	
Variati	on of	the Co	ompass by	Azimuth ⊕	observed	d at						0		4	**	
Water	exper	nded c	luring the p	receding 2	4 hours									275	gallons	
Water					during	the pre	eceding	24 hou	s						"	
				for me at N										120		
				receding 24	hours							1	tons "	60	lbs.	
Coal re	emain	ing on	hand at N	oon								144		825		
5.4																
P,M. 1				NNE	2		30.06	74	75	74		b	None	10		
2				"			30.04	ш	и	"		"	u			
3				u	1		30.02	75	"	"		ш	44	"		
4				u	2		"	u	74	72		ш	ш	"		
5				u	u		30.03	74	"	"		"	44	"		
6				u	u		30.04	ш	и	"		"	Cir Cum	9		
7				u	1		30.06	u	"	"		bc	"	7		
8				u	u		30.08	u	73	"		"	44	5		
9				u	2		u	72	72	71		u	Cir	9		
10				u	u		30.09	ш	ш	"		"	Cir	u		
11				u	u		30.10	и	ш	"		ш	Str "	и		
Mid.				u	u		"	ш	71	71		"	"	u		
									•							
Longit	ude b	y Chro	nometer fr	om Afterno	on Obser	vations	s ⊕					0		4	и	
				bservation	S]			0		•	ш	
				Amplitude			ob	served	at Suns	et		0		4	u	
Variati	on of	the Co	ompass by					at				0		•	44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Moderate N[orther]ly breeze. Starlight. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from N. Engaged in coaling ship. Received in Paymaster Department fresh meat and vegetables.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Cloudless and warm, Light N.N.E. breeze. Engaged in coaling ship.

(Signed) Sam. C. Lemly

Ensign.

From Merid. to 4 P.M. Clear. Warm. Light N.N.E. breeze. Finished coaling ship. Thomas Curley (2 C.F.) placed in double irons to await trial by Court Marital, for making an assault with a knife upon a shipmate.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear and pleasant during first part, afterwards partially overcast. Light airs from N and E.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Warm. Starlight. Heavy dew. Light N.N.E. breeze. Gave A. T. Leigh (Boy) four hours extra duty, by order of Commanding Officer.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Key West, Florida

				WINE	os.		BAROME	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A M	ž	Œ.												E 07		
A,M. 1				N by	1-2		30.10	71	71	70		bc	Cir	9		
				E					/ I	70			Str			
2				NNE "	2		"	72	"	ш		b "	None "	10		
3							30.09			и		u	u	"		
4				NE NE	"		30.08	44	ш				 Cir			
5				by N	ш		"	71	70	и		Вс	Cum	8		
6				ш	u		u	"	"	и		ш	"	7		
7				44	"		"	"	"	ш		ш	44	9		
8				44	"		"	"	"	ш		ш	ш	6		
9				NNE	3		30.12	70	"	ш		om	ш	0		
10				44	2		"	"	71	ш		ш	ш	u		
11				44	u		30.11	"	"	ш		bc	ш	5		
Noon				u	1		30.10	72	73	72		44	ш	8		
Distan	ce rui	n by L	og since pre	eceding No	on						k	nots	fa	thoms.		
Latitud	le by	D. R. a	at Noon									0	4		"	
Longit	ude b	y D. R	. at Noon									0	4		"	
Latitud	le by	Obser	vations at N	loon ⊕								0	4		"	
Longit	ude b	y Chro	onometer fro	m Foreno	on Obsei	vations	s ⊕					0	4		"	
Currer time	nt duri	ng the	•	knot	s	fr	ns. per h	nour, se	tting to	the						
	on of	the Co	ompass by	Amplitude (⊕ observ	ed at S	Sunrise					0	6	4	ш	
Variati	on of	the Co	ompass by	Azimuth ⊕	observe	d at						0	6	4	ш	
Variation of the Compass by Azimuth ⊕ observed at Water expended during the preceding 24 hours														275 g	allons	
Water					during	the pre	eceding	24 hour	s						"	
Water	rema	ining o	on hand fit fo	or me at No	oon									730) "	
Coal c	onsur	ned d	uring the pre	eceding 24	hours								tons	300	lbs.	
Coal re	emain	ing or	hand at No	oon								144	" (525	"	
P,M.																
1				NNE	1		30.08	72	74	73		bc	Cum	9		
2				44	"		30.06	74	"	"		и	ш	"		
3				44	"		30.04	"	"	"		"	Cir	8		
4				и	u		30.06	44		и		и	Cum "	6		
5				Calm	0		30.05	"	"	74		u	"	8		
6				"	"		30.04	"	44	"		u	"	"		
7				NNE	1		30.05	"	73	72		u	44	6		
8				"	"		"	"	72			u	44	9		
9				N	2		30.10	73	"	71		"	Str	"		
10				NNE	"		"	72	71	70		of	"	0		
11				"	u		30.11	71	70	"		bf	"	5		
Mid.				u	1		"	72	71	и		bc	Cum	9		
Longit	ude b	y Chro	onometer fro	om Afterno	on Obse	rvations	s ⊕					0	4		"	
Longit	ude b	y Chro	onometer O	bservations	8]			0	•		"	
Variati	on of	the Co	ompass by	Amplitude			ob	served	at Suns	et		0			"	
Variati	on of	the Co	ompass by					at				0			"	

Commences and until 4 A.M. Clear and pleasant, warm. Light breeze from N and E.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear and pleasant, with light N.E[aster]ly wind. Engaged cleaning ship.

(Signed) Sam. C. Lemly
Ensign.

From 8 to Merid. Clear, warm and pleasant. Light airs from N and E.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and pleasant, light airs from N and E. Received on board, per Bureau of Equipment and Recruiting, the following stores, Viz, 1 coil 200 fathoms 1 3/4 in Hemp Rope. 1 coil 200 fathoms 15 thread Ratline. 1 coil 400 fathoms 1 in Manila. For Pay Department, 10 boxes Bread, 3 boxes Tobacco, 6 boxes Candles, 1 bale Sheeting. John Hallisey (2 C.B.) and Robert McGuckin (2 C.A.) declared deserters, by orders of Commanding Officer, having been absent two days without leave.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Warm. Light airs from N an E. At 5.20 mustered at quarters and served out clean hammocks, found Thomas Kelly (C.M.T.) and Luther Baker (Q.M.) absent without leave.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant during first part, afterwards foggy. Light breeze from N.N.E.

(Signed) Wainwright Kellogg Lieut.

> Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Key West, Florida

			WIN	DS.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M.	_															
1				Calm	0		30.09	72	72	72		bc	Cum	8		
2				"	u		u	u	и	и		"	ш	9		
3				"	u		u	u	и	и		"	ш	"		
4				"	u		u	u	"	и		"	ш	"		
5				"	u		30.06	71	71	70		"	ш	u		
6				"	u		u	"	u	и		"	"	8		
7				44	u		30.09	"	ш	и		66	ш	7		
8				N	1		30.10	"	ш	71		"	u	5		
9				"	u		u	u	"	и		"	Cir	"		
10				"	u		30.12	73	73	73		ш	Cum "	"		
11				"	u		"	74	74	74		ш	ш	"		
Noon				"	u		и	"		u		"	"	"		
Distan	ce rur	n by Lo	og since pre	eceding No	on						k	nots	fat	thoms.		
Latitud	le by	D. R. a	at Noon									0	•		"	
Longit	ude b	y D. R	. at Noon									0	•		"	
Latitud	le by	Obser	vations at N	loon ⊕								0	•		"	
Longit	ude b	y Chro	onometer fro	om Foreno	on Obser	vation	ns ⊕					0			"	
Currer time	nt duri	ng the	:	knot	s		fms. per l	nour, se	tting to	the						
	on of	the Co	ompass by	Amplitude	⊕ observ	ed at	Sunrise					0			"	
			ompass by									0	"		"	
			during the p											225 g	allons	
Water				•		the p	oreceding	24 hou	rs						u	
Water	rema	ining c	on hand fit f	or me at N	-									2920) "	
			uring the pr										tons		lbs.	
			hand at No	-									ш		"	
P,M.													Cir			
1				N	1		30.10	74	74	74		bcq	Cir Cum	5		
2				SE	u		30.07	75	75	75		bc	"	"		
3				W	u		30.05	u	76	и		ш	"	"		
4				S	u		"	76	77	76		u	Cir	4		
5				SE by E	u		30.04	"	76	u		ш	Cir Cum	5		
6				SE	"		30.06	"	"	75		u	Cum	6		
7				"	0-1		"	ш	75	74		ш	Str "	9		
8				u	U-1 "			75	/ S	"		u	"	9		
9				Calm	0		30.07 30.06	75 74	74	75		44	ш	8		
10				"	"		"	"	"	"		ш	ш	"		
				C.	0.4		и	и	и	и		u	Cir	6		
11				Se	0-1		_					-	Cum	6		
Mid.				ш	ш		u	и	ш	er		ш	ш	7		
Longit	ude h	v Chr	onometer fro	om Afterno	on Ohsei	vatio	ns ⊕					0			"	
_			onometer O			, 41101]			o			"	
•		•	ompass by		-		٥h	served	at Suns			o			"	
			ompass by	piituue			OL.	at	at Ourio			0			u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Calm.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear and pleasant. Calm. Light airs from N during last hour.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear and pleasant, light airs from N. Crew engaged in watering ship up to last hour. Fires started under six boilers at 10.30. Received onboard for the Department of Construction the following stores, Viz. 30 gall's Linseed oil. 200 lbs White Zinc. 2 lights Glass 25 x 17. Thomas Kelly (C.M.T.) Luther Baker (S.2 M.) Wm Driscoll (Sea) and J. C. Butter (Sea) brought aboard by city police, for whom \$5 reward each was paid.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light N[orther]ly airs. At 1.45 steam reported ready. At 2 shoved off from wharf and came to with port anchor, 20 fathoms chain in 4 1/2 fathoms water. At 3.30 mustered at quarters and turned in clean hammocks. Sent one W.R. steam heater ashore to nave storehouse. Banked fires in six boilers. Average steam pressure 68 lbs. Bunker full. Pilot left the ship at 2.30. Riding to ebb tide.

Signed Richard G. Davenport Lieut.

From 4 to 8 P.M. Cloudy, warm. Light airs from S.E. Sent awnings below and stanchions were unshipped. Slack water at 5.30. Swung to flood at 6. John P. Marker (2 C.B.) released from confinement and sent to duty. Thomas Curley (2 C.F.) released from confinement but prisoner at large. Banked fires in six boilers. Average steam pressure 40 lbs. Bunkers full.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Warm, calm first half watch light S.E[aster]ly airs last half. At midnight swung to ebb. Fires banked in six boilers. Average steam pressure 45 lbs.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

WINDS.				os.		BAROME	ETER.	Т	TEMPERATURE.			State of	Forms of			State		
Hou r.	ui.	oms.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry	Air Wet	Water at		State of the Weather by	Forms of Clouds, by symbols.	Prop. of Clear	in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots.	Fathoms.				3	inches.		Bulb.	Bulb.	surface	ð.	symbols.		Prop	Sky.		under at end of watch.
A, M.																		
1				ESE	1		30.08	74	74	73			b	None	10)		
2				44	"		u	"	75	и			bc	Cum	9			
3				Calm	0		"	73	"	и			ш	"	8			
4				"	и		30.07	74	u	и			ш	"	7			
5				NNE	1		30.08	u	"	и			ш	Cir Cum	"			
6				S by W	"		"	"	74	74			ш	"	"			
7		erway ge of		"	4		ш	75	75	ш			ш	"	8			
8	Criary	gc oi	pilot.	"	"		30.10	"	"	и			ш	"	"			
9	3	4	W 1/2 S	44	"		30.10	76	76	и	74		ш	66	4		S	
10	5 5		W 1/4/ S	"	u		30.12	"	"	ш	"		ш	"	6		"	
11	9	4	и	44	3		30.10	"	"	и			ш	66	5		"	
No	1	4	W 1/2 S	S	4		30.08	"	"	и	"		ш	"	8		"	All fore and aft sail
on.	10	4																
Dista	nce rur	n by L	og since pre	ceding No	on						;	34 kr	ots	C) fatho	ms.		
Latitu	de by l	D. R.	at Noon									25	0	25	4	30	"N	
Longi	tude b	y D. F	R. at Noon									82	0	37	4		"N	
Latitu	de by	Obse	rvations at N	oon ⊕								24	0	26	•	26	"N	
_			onometer fro	m Foreno	on Obse	rvatio	ns ⊕						0		4		ш	
Curre time	nt duri	ng th	е	knot	s		fms. per h	nour, se	tting to	the								
	tion of	the C	compass by A	Amplitude (⊕ observ	ed at	Sunrise						0		"		ш	
Varia	tion of	the C	compass by A	Azimuth ⊕	observe	d at	8.30 A	.М.				5	0	0	"		"E	
Wate	r exper	nded	during the pr	receding 24	4 hours										22	25 ga	allons	
Wate	r				during	the p	receding	24 hour	s								"	
Wate	r remai	ining	on hand fit fo	or me at No	oon											690	**	
			during the pre	-	hours								10	tons	200)	lbs.	
Coal	remain	ning o	n hand at No	oon									132	ш	1200		ш	
P,																		
M.														Cir				
1	9	6	W 1/2 S	SW	4		30.06	77	77	74	75		bc	Cum	9		9	
2	9	4	и	u	u		u	u	"	u	"			u	"		"	
3	2	4	u	"			u	"	"		"							
4	6			S by						75			"	"	3		44	
5	8	4		W	5		30.02			74					2		-	
6	9	2	ш	44	6-7		30.10	74	71	70	74		"	Cum Nimb	0		"	
7	10		ш	NNW	6		30.16	72	u	u	73		"	44	1		"	All fore and aft
8	9		и	"	4-5		30.28	"	70	69	74			44	3		44	sail.
9	3 6	4	W	ш	"		30.31	71	u	70	"		"	44	4		"	
10	10		ш	44	u		и	72	71	"	73		u	66	7		"	
11	10		и	"	3-4		и	44	u	и	44			"	9		"	
Mi d.	10		ш	ш	u		u	44	"	"	"		44	и	8		"	Foresail. All fore and aft sail except Flying jib.
Lonai	tude b	y Chr	onometer fro	m Afterno	on Obse	rvatio	ns ⊕						0				66	
-			onometer Ol						1				0		•		"	
-		-	compass by A				ob	served					0		,		"	
Varia	tion of	the C	compass by					at					0		"		"	

under the command of Commander W. Scott Schley Friday February 16th, 1877.

, U. S. Navy.

[Editor's note: The following note was attached to the log entry for February 16, 1877.]

U.S.S. "Essex" 3rd Rate. At Sea, February 16th, 1877

Expended at target practice this day.

Powder,	cannor	n in XI in.	bags.	15 lbs (3)	45 lbs.
"	"	" XI in.	u	10 " (12)	120 "
u	u	" 60 pd	s "	6 " 3	18 "
Cartridge	_		15 lbs		3.
"	"	IX	10 "		12.
"	"	60 pds	6'		3.
Shells in				XI in 5"	3.
	u	"		IX in 5"	12.
" "	"	"		60pds 5"	3.
Primers f	or can	non, quill		•	25.
Target F		•			1.

Asa Walker, Lieut.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, warm and pleasant. Light airs, first hour from S and E. Riding to ebb tide. Fires banked. Average steam pressure 60 lbs.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Warm and pleasant. Gentle breeze from S. Spread fires under six boilers at 6. At 6.15 pilot came aboard. Got underway at 6.30 and stood out the S.W. channel. At 8.10 the pilot left the ship. At 8.20 put the ship on course of W. 1/2 S. Sand Key Light bore (pc) E. by N. Draught of ship. Forward 14 ft. Amidship 15 ft. Aft 16 ft.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear. Warm. Light S by W. breeze. At 8.10 stopped engine, pilot left ship. At 8.20 started ahead. At 8.30 made several casts of lead, 4 and 4 1/2 fathoms water. At 9.20 lost sight of Sand Key Light bearing (pc) E. by S. At 9.30 changed course to W. 1/4 S. At 9.30 set all fore and aft sails except Flying jib. At 11 set Foresail. At 11.10 took in Foresail and changed course to W. 1/2 N. At 11.45 set Flying jib. Several sail in sight at end of watch. Steaming six boilers. Average steam pressure 67 1/4 lbs. Revolutions 57.6. Temp of bunkers 110°. At 12 hauled in patent log, which showed 40.5 miles. Reset and put over again.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant, with light wind from the S and W. At 1 called all hands to muster and read proceedings and findings of Summary Court Martial in the case of Thomas Murphy (O.S. 2 C.) Sentence disapproved by Commanding Officer, on account of irregularities in proceedings. At 2.15 took in Fore and Aft sail and went to General Quarters. Practiced firing at target. Expended three rounds from each gun. At 3.21 sounded the retreat from Quarters and stood on course. Let all Fore and Aft sail except Flying Jib. Average steam pressure 65 lbs. Average revolutions 54. Temp of bunkers 110°. Steaming with six boilers.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Wind hauling to NW and fresh in squalls, with passing showers of rain. Unbent both chains and secured anchors for sea. At 4.30 took in Fore and Aft sail. At 5.30 set Fore and Aft sail except Flying Jib. At 7 set Foresail. Steaming three fourths power. Steam 65 lbs. Temp of bunkers 98°. Revolutions 54.

(Signed) Sam. C. Lemly Lieut.

From 8 to Midnight. Clear Pleasant. Fresh N.N.W. breeze. At 8.20 changed course to W. Steaming under six boilers. Average steam pressure 60 lbs. Temp of bunkers 110°. Revolutions 53°.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

			WINDS.				BAROME	TER.	TE	MPERAT	URE.	01-1	F		04-4-		
Hou r.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.	
A, M.																	
1	9		W	NNW	3		30.34	74	74	72	74	bc	Cum Nimb	8	S	Jib, F.T.M. stay-	
2	10		u	NW	"		30.33	"	73	71	73	bcq	"	7	"	sail M. Try sail	
3	9	4	ш	u	4		30.32	72	ш	70	76	u	"	4	u	and spanker.	
4	9	2	ш	"	u		"	"	и	69	77	ш	44	3	u		
5	9		44	u	"		30.30	"	ш	"	74	u	Cum	8	"	Jib. F.T.M. stay	
6	9		и	u	u		ш	"	и	72	u	bc	es	6	и	sail, M. Try sail	
7	9		66	u	5		30.32	"	ш	u	76	ш	**	5	u	and spanker.	
8	9	4	ш	44	"		30.35	"	ш	"	77	ш	"	"	"		
9	9	2	W 1/2 S	u	"		30.38	"	72	70	79	ш	Cir Cum	"	"	Fore and Aft sail	
10	11		ш	u	u		30.40	"	ш	68	u	u	**	4	4	except F. Jib.	
11	10	6	и	u	u		30.38	"	и	ш	и	и	es	u	и	Topsails, Foresail	
No on.	13		и	ш	u		30.37	44	73	69	u	и	ш	ű	44	& T. G. sails.	
Dista	nce ru	un by l	Log since pre	ceding No	on						22	4 knots	4	4 fathoms	i.		
Latitu	ide by	D. R.	at Noon									24 °	22	' 30	"N		
Long	itude l	by D.	R. at Noon									86 °	43	•	"W		
Latitu	ide by	Obse	ervations at N	oon ⊕								24 °	13	' 14	"N		
-			ronometer fro	m Forenoo	on Obser	vatior	ns ⊕					87 °	01	4	"W		
Curre time	ent du	ring th	ie	knot	s 6		fms. per h	our, se	tting to th	ne S	s. 61° W.						
	tion o	f the C	Compass by A	mplitude (⊕ observe	ed at	Sunrise					0		ш	"		
Varia	tion o	f the C	Compass by A	vzimuth ⊕	observed	at 8	.15 A.M.					6 °		ш	"E		
Wate	r expe	ended	during the pr	eceding 24	1 hours									285 g	allons		
Wate	r				during	the p	receding 2	24 hour	S						ш		
		-	on hand fit fo											2190			
			during the pre	-	hours							10	tons	1235	lbs.		
Coal	remai	ining c	on hand at No	on								121		2204			
p m																	
1	4 5		w 1/2 s w by s	NNW	4		30.34	72	72	69	89	bc	Cir Cum	4	Н	All sail except	
2	8	6	"	"	5		30.32	"	ш	"	u	"	"	u	ш	royals, mainsail,	
3	8	2	ш	u	4		"	"	ш	44	и	"	**	6	4	& gaff topsails.	
4	7	4	и	u	u		30.31	"	и	"	u	u	es	5	и		
5	8		ш	N by W	u		30.34	"	ш	u	78	"	ш	4	S		
6	8	2	и	u	"		"	"	"	68	75	44	Cum	3	"		
7	8	4	ш	"	u		"	"	71	"	74	"	Str "	8	"	Top G. Sails, single	
8	8		и	NNW	"		30.36	71	ш	"	73	"	Cum	9	ш	reefed topsails	
9	8		ш	NE	3		ű	72	ш	u	74	44	u	u	и	jib, F.T.M. staysail,	
10	8	4	ш	"	u		30.30	70	ш	69	и	"	Cir	3	"	M. Trysail & spanker.	
11	8		ш	ш	u		"	72	ш	70	u	"	Cum "	2	u	V	
Mi	7	1	и	ш	2-5		"	"		70	ш	44	ш	3	ш		
d.	1	4			2-0				72	71				3			
Long	itude I	by Ch	ronometer fro	m Afterno	on Obser	vatio	ns ⊕					0		•	"		
Long	itude l	by Ch	ronometer Ob	servations	3]			0		4	u		
Varia	tion o	f the C	Compass by A	mplitude			obs	served a	at Sunse	ŧt		0		•	"		
Varia	tion o	f the C	Compass by					at				0		•	"		

Commences and until 4 A.M. Cloudy and warm, with moderate breeze from N.W. Squally. Steaming with six boilers. At 2.30 took in Foresail. Average steam pressure 64 lbs. Temp of bunkers 105°. Revolutions 52.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear. Warm. Pleasant. Fresh N.W. wind. Cum clouds. At 6.30 passed a ship bound to E. Steam in six boilers. Average steam pressure 55 lbs. Temp of bunkers 96°. Revolutions 48.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from N.W. At 8.25 changed courses to W. 1/2 S. Hauled in patent log, 103 miles. At 10 set topsails. At 11 set topgallant sails. At merid hauled in patent log. 39 miles. Steaming six boilers. Average revolutions 51. steam pressure 57 lbs. Temp of bunkers 113°.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear. Pleasant. Moderate breeze from N and W. At 12.25 changed course to W. by S. At 12.30 banked fires in two boilers. Average steam pressure 55 lbs. Temp of bunkers 105°. Revolutions 40.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Cloudy and warm. Moderate breeze from N. Steaming with four boilers. At 5 mustered at quarters. At 5.10 took one reef in topsails. Clear and pleasant last two hours. Average steam 48 lbs. Revolutions 39.4. Temp of bunkers 100°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather pleasant. Cloudy. Light breeze from N.E. Sea smooth, wind variable. Took in spanker, trysail and jib. Average steam 55 lbs. Temp of bunker 110° Revolutions 31. Moon set at 9.30

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

WINDS			BAROMETER.					TEMPERATURE.				5 of		04-4-				
Hour		Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface	ti We:	ite of he ather by ibols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
A,N	1.																	
1		7		W by S	N by W	5- 6		30.37	72	71	69	72	bc		Cir Cum	2	S	
2		7	4	44	N by E	"		u	u	ш	"	71	ш		"	3	"	
3		7	6	44	ш	u		30.36	u	u	u	"	ш		и	4	u	
4		7	6	ш	NNE	u		"	ш	"	u	"	и		и	6	u	Single reefed T. sails,
5		7	4	ш	u	4		u	71	u	u	72	u		u	5	ш	T. G. sails, F.T. M.
6		7	4	u	NE	5		30.37	u	ш	"	"	ш		Cum Nimb	4	u	staysail.
7		8		ш	u	u		30.38	ш	"	u	"	и		и	3	u	
8		7	4		u	u		30.40	u	u	70	75	u		и	**	ш	T.sails T.G. sails
9		8		SW by W 1/2 W	ш	4		"	"	"	"	"	"		"	8	"	Foresail F.T. M.
10		8	4	ш	u	u		30.38	73	73	72	74	и		и	"	u	staysail.
11		4	6	u	ENE	"		30.36	76	74	73	"	u		и	9	"	
Noor	1.	4	4	ee	ш	и		30.34	77	76	75	и	"		ш	и	u	Foresail F.T.M. staysail, Topsails. T.G. sails & T. Royals.
Distan	ce run	by Lo	og since	e preceding	Noon							1	84 knot	s		6 fathoms	3.	
Latitud	e by D). R. a	at Noon	l									23	0	43	' 26	6 "N	
Longitu	ıde by	D. R	. at No	on									90	0	20	4	"W	
Latitud	e by C	bsen	vations	at Noon ⊕									23	0	46	' 46	6 "N	
				er from Fore									90	0	38	•	"W	
Curren		-			knots	5		fms. per h	our, se	tting to t	he N	l 78° W		0			"	
				by Amplitud									•	0				
				by Azimuth		at 8	A.IVI.						6			260 6	"E	
	expen	ueu u	iui ii ig ti	ne precedino	g 24 Hours	durin	g the	preceding	g 24							200 g	allons "	
Water				616	. No.	hours	8									400/	n "	
				I fit for me at e preceding										9	tons	1980 1315	lbs.	
				at Noon	24 110013								11			890	"	
		3																
Pm	•			4 /0														Plain sail to royals.
1	2	2	sw b	y w 1/2 w y w	NE	3		30.32	78	78	76	73	bc		Cum	8	9	Jib, F. jib, spanker
2	4		"		и	и		30.28	77	76	74	u	u		и	7	u	and trysail.
3	4		"		и	ш		ш	"	75 "	"	"	u		"	"	u	
4	3	4				1-2			76			"			"	8		0. 1. (1)
5 6	5 6	2	"		и	2-3 3-4		30.29 30.20	75 74	74 73	73 72	74	"		u	6 4	u	Single reefed topsails T.G. sails, Foresail,
			"		и				"	13	"	"			Cum	-	"	
7	7	2				4		30.32					0		Nimb	0	u	F.T.M. staysail.
8	8				-								bc "		Cum "	2		
9	8		"		E E by	ш		20.00	70	70	70	70	"		"	3	u	Foresail, single reefed topsails
10	9		-		S			30.30	73	72		73						T.G.sails F.T.M.
11	10	•			ESE "	5		30.28	72		69					6		staysail, jib, spanker
Mid.	9	2										-	-			9		main trysail.
Longitu	ıde by	Chro	nomet	er from After	noon Obse	rvations	8 8							0			u	
Longitu	ıde by	Chro	nomete	er Observati	ons]				0		4	"	
Variation	on of t	he Co	mpass	by Amplitud	de			obs	served	at Sunse	et			0		•	ш	
Variation	on of t	he Co	mpass	by					at					0		•	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Fresh breeze from N. Cir cum clouds. Steaming four boilers. Fires banked in two boilers. Average steam pressure 49 lbs. Temp of bunkers 105°. Revolutions 38.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy and warm. Moderate breeze from N.E. Steaming with four boilers. At 6.15 shook reefs out of topsails. Fires banked in two boilers. Average steam pressure 39 lbs. Temp of bunkers 110°. Revolutions 39.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear. Warm. Light N.E[aster]ly wind. Crossed royal yards at 8.30. At 8.40 set royals. Stopped engines at 10 and uncoupled propeller. At 9.40 Commanding Officers inspected at quarters. At 10 called all hands to muster and prayers were read by Commanding Officer. Fires banked in six boilers. Average steam pressure until 10, 65 lbs; after 10, 30 lbs. Revolutions 44. Temp of bunkers 100°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from the N and E. At 12.20 changed course to S.W. by W. At 3.50 spread fires under four boilers. Average steam 20 lbs. Temp of bunkers 70°. Distiller in operation.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Pleasant weather. Cloudy. Light breeze from N. Scud passing to the S. At 4.30 coupled screw and started engine. Mustered at quarters at 5 1/4. Single reefed topsails and sent down royal yards. Average steam pressure 60 lbs. Temp of bunkers 100°. Revolutions 48.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Fresh E.S.E. wind. Cum clouds. Sea smooth. Steaming four boilers, banked fires in two. Average steam pressure 66 lbs. Revolutions 47. temp of bunkers 110°. At 11 moon sets. At 10.45 set main trysail, spanker and jib.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

				WIND	S.	BARON	METER.	Т	EMPERAT	URE.	04-4-	F		01-1-	
Hour.		oms.	Courses steered.	Direction.	Force.	. Height in inches	Ther. att'd.	Air Dry Bulb.	Air Wet	Water at	State of the Weath er by	Forms of Clouds, by symbols.	, of Clear in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	Knots.	Fathoms.				⊔ inches.		Bulb.	Bulb.	surface.	symbol s.		Prop. Sky,		under at end of waters.
am															
1	7		SW by W	SSE	4	30.26	72	70	70	73	bc	Cum	9	S	Single reefed
2	8	6	"	ш	3	и	и	72	ш	ш	ш	ш	44	"	topsails, foresail,
3	8	2	u	u	"	30.24	u	u	"	74 "	и	ш	8	u	T.G. sails, spanker
4	8	,	u		2-3	30.26							7		& main trysail.
5	6	4	"	S by E		30.22	u	"	"	"	u	Cum	"	u	
6	7		-	S	1-2	30.24		-	-	-		Nimb			
7	7		"	S by E	2-3		73		72			"	6	"	
8	7 4	2	u	SSE	u	30.26	74	73	"	ű	и	Cir Str Cir	7	"	Jib, F.T. M. staysail,
9	4		sw 1/2 s	и	3	30.24	и	74	и	u	и	Cum	3	u	Foresail, F. jib, jib,
10	8		"	u	u	и	u	и	"	и	"	ш	5	ш	M. trysail, spanker.
11	8	2	u	u	u	30.23	75	75	74		u	u		"	
Noon.	8	6	"	ű	и	30.21	76	77	75	ű	ű	ű	4	ű	
Distan	ce run	by Lo	g since prece	ding Noon						17	3 knots	2	2 fathoms	S.	
			t Noon	3							22 °		' 1		
			at Noon								95 °		•	"W	
Latitud	le by C	Observ	ations at Noc	on ⊕							22 °	14	' 1 [.]	1 "N	
Longit	ude by	/ Chro	nometer from	Forenoon	Observation	ns ⊕					93 °	33	' 4	5 "W	
Currer	nt durir	ng the	time	knots	s 5	fms. per	hour, se	tting to	the	S 75° W					
Variati	on of t	he Co	mpass by An	nplitude ⊕ o	bserved at	Sunrise					0		"	u	
Variati	on of t	he Co	mpass by Az	imuth ⊕ obs	served at	8 A.M.					6 °		"	"E	
Water	expen	ided d	uring the pred	eding 24 h	ours								284 g	allons	
Water		Cond	ensed		during th	e preceding	24 houi	s					36	5 "	
			n hand fit for										206		
			ring the prece	-	urs						11	tons "	1635	lbs.	
Coal r	emaini	ing on	hand at Noor	1							100		1495	•	
p															
m 1	4	4	sw 3/4 s	SSE	2.4	20.14	77	76	74	75	ho	Cir	5	c	E iib ETM atov
1	3		sw 1/2 s	33E	3-4	30.14	"	76 "	"	75 "	bc "	Cum	5 "	S "	F. jib, F.T.M. stay
2	8	4	sw 3/4 s	"		30.12					"	4	1	u	sail, foresail.
3 4	9	2 6	u	и	4	и	76 75	75 "	73 "	76 75	"	Cum	"	u	M. trysail, spanker.
			"	u	es			и			u	Cir		и	
5	9	2	,,	,,		30.13	76		74	74		Cum	3	u	Fore and aft sail.
6	9	6					75 "		75	75		"	5	"	
7	10			"					74 "	74 "		 O:-	6	"	All Face 0 off and
8	9			"	и	30.14			-			Cir Cum	5	"	All Fore & aft sail
9	10		SW by S			30.16		-		75		Nimb	4		Except flying jib.
10	10	2	"	"	4-5	30.18	"	u	"	"	u	"	0	"	
11 Mi	10		"		4	30.17	ű	ű	"			"			Jib, F. jib F.T. M. Staysail, M. trysail
d.	10		44	ш	и	и	74	ш	u	ш	bc	и	2	и	& spanker.
						_					•				
_			nometer from		Observatio	ns ⊕					0				
_			nometer Obs]			0				
			mpass by An	plitude		O	bserved	at Suns	et		0				
variati	on of t	ne Co	mpass by				at				-		-	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Moderate breeze from S and E. At 1 took in spanker. At 2 took in Main trysail. Steaming with four boilers. Banked fires under two boilers. Average steam pressure 58 lbs. Temp of bunkers 100°. Revolutions 44.

> (Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and pleasant. Light breeze from S and E. At 5.50 took in and furled all square sail. Steaming one half power, average steam pressure 52 lbs. Revolutions 40. Temp of bunkers 108°.

> (Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and warm. Moderate breeze from S.S.E. Steaming with four boilers. At 8.05 set flying jib, main trysail, spanker and foresail. At 9.30 mustered at quarters. 1st and 2nd Divisions exercised at great guns. Drilled the Marine Guard. Changed course, at 8.30, to S.W. 1/2 S. At 10.30 unbent Main trysails and bent Fore trysail in its place. Average steam 66 lbs. Temp of bunkers 105°. Revolutions 47 1/2.

> (Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Cloudy and damp. Moderate breeze from S and E. Sea smooth. At 1.30 started fires under two more boilers. Took in Foresail at 3.30. Quarterly Board of Survey condemned two cans of bouillon beef and threw it overboard. Steam 57 lbs. Temp of bunkers 104°. Revolutions 50. Distilling.

> (Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear. Pleasant, Light breeze from S and E. At mustered at quarters. At 5.10 sent down topgallant yards. At 8 hauled in patent log which read 75 miles. Steaming under six boilers. Average steam pressure 66 1/2 lbs. Temp of bunkers 110°. Revolutions 54, 6.

(Signed) Richard G. Davenport

Lieut.

From 8 to Midnight. Cloudy, warm. Moderate breeze from S.S.E. Steaming with six boilers. Average steam pressure 65 lbs. Temp of bunkers 95°. Revolutions 56. Distilling. At 8.05 changed course to S.W. by S.

> (Signed) Wainwright Kellogg Lieut.

> > Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, At Sea

				WINDS	S.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		Ctoto	
Hour.	Knots.	Co ste	urses ered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	Ι.	_														
A,M 1	10	SW	by S	S by E	5		30.16	74	75	74	75	bc	Cum	3	S	
2	9	"	by O	"	"		30.15	"	"	73	74	"	Nimb	2	"	
3	8	"		SE	и		30.14	"	"	"	ш	ш	Cum	10	"	
4	10	44		"	"		30.13	"	74	"	75	"	Nimb Cum	8	"	
		"		"	u		30.13 "	u	/4 "	"	/5 "	ш	Cum		и	0 1 11 7 7
5	10	и						и	"	"	"	u	Nimb "	3	и	Spanker, M. Trysail,
6	9	"		W "	2		30.16					"	 Cir			Jib, F. jib, F.T.M
7	9						"	и		74	74		Cum	4	и	и
8	9			u	и		30.18	u	u	73	u	и	ш	3	"	и
9		6 " 4 s 1/	2 e	u	и		30.20	75	75	75	76	и	ш	5	"	Same & F. Jib.
10	Standing	into		u	и		ш	76	76	76	ш	и	u	"	"	
11	harbor of			"	u		30.19	"	**	"	и	u	ш	"	"	
Noon	Cruz			и	"		"	"	"	"	u	ш	и	"	"	
	ce run by L	-		ding Noon							k	nots		fathoms		
	de by D. R.											0				
	ude by D. F			• •								0			44	
	de by Obser			ı⊕ Forenoon C	hearvat	ione (9					0	4			
_	nt during the		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	knots	bool vat		fms. per l	hour se	ttina to	the						
			bv Amı	olitude ⊕ ob	served			nour, oc	ung to	aic		0		4	"	
				muth ⊕ obs								0		4	"	
				eding 24 ho										264 (allons	
Water	cond	densed		-	during	the p	receding	24 hour	s					36	5 "	
Water	remaining of	on hand	fit for m	ne at Noon										216	0 "	
Coal c	onsumed d	luring the	e prece	ding 24 hou	irs							6	tons	535	lbs.	
Coal re	emaining or	n hand a	t Noon									94	" (960	"	
PM													Cum			
1				NNE	2		30.17	75	75	74		bc	Cum Nimb	5		
2	At ancho	r in		"	ш		30.16	"	74	u		ш	ш	4		
3	harbor of Vera Cru			и	"		30.14	"	"	"		44	и	3		
4	vera ora	· <u>-</u> .		"	и		30.12	"	"	"		"	и	1		
5				N "	1-2		30.13	"		"		"	"	"		
6					2		30.14		75					0		
7								u	74 "	"		oc "				
8 9				u	3-5		30.15 30.19	74	73	72		44	"	"		
10				"	3-6		30.19	73	"	"		ocq	ш	u		
11				u	"		30.18	72	72	u		"	u	u		
Mid.				"	и		"	"	"	u		u	u	u		
Longit	ude by Chr	onomete	er from A	Afternoon C	bservat	ions (€					0			u	
-	ude by Chr]			0			"	
Variati	on of the C	ompass	by Am	plitude			ob	served	at Suns	et		0			"	
Variati	on of the C	ompass	by					at				0	•		и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy first part of watch, clear last hour. Warm. Fresh breeze from S and E. At third hour of watch, came on thick, slowed down to 49 revolutions and hauled down Flying Jib. At 3 started ahead full speed. Steam in six boilers. Average steam pressure 62 lbs. Temp of bunkers 98°. Revolutions 53. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Partly cloudy weather. Light passing showers first part of watch. At 6.15 made high land bearing S.W. 1/2 W. by standard compass. Steaming six boilers. Average steam 58.5 lbs. Revolutions 53. Temp of bunkers 110°.

(Signed) J.T. Sullivan

From 8 to Merid. Cloudy and pleasant. Gentle breeze from W. At 8.40 altered course to S. 1/2 E. and stood for Vera Cruz. Bent the chains and prepared for port. Steamed into the harbor and took a pilot outside the fort. Passed a French steamer that dipped her colors. Got several casts of the lead, bottom at 45 and 27 fathoms. Steam pressure 59 lbs. Temp of bunkers 109°. Revolutions 57.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Moderate breeze N.N.E. Cum Nimb clouds. At 12.20 came to in 5 fathoms water with starboard anchor, veering to 25 fathoms chain, and sent boat with officers for U.S. Consul and to get permission to anchor inside near the castle. At 1.30 U.S. Consul came off. At 1.35 brought to chain. At 2 American Consul left ship. Got underway and steamed into the inner harbor. Moored ship to 30 fathoms on each chain. Got steam anchor out astern with 45 fathoms of chain. At 2.10 the pilot left the ship. Hauled fire under four boilers, banked fires under two. Average steam 55 lbs. Temp of bunkers 55°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Overcast and cloudy, with occasional light showers of rain. Light breeze from N. Ship moored head and stern off Fort San Juan De Ulloa. Bearings as moored. N.W. Bastion of Fort bore N. by W. S.W. Bastion N.E. Broke out spare anchor from fore hold, but sheet chain and got anchor ready for letting go from port cat head. At 4.30 an American schooner came into the harbor, sent officer onboard and ascertained that she was from Galveston, Texas, bound South. Average steam 30 lbs. Temp of bunker 96°. Distiller in operation. Fires banked under two boilers.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Pleasant. Squalls from N. Cum Nimb clouds. Banked fires under two boilers. Average steam pressure 20 lbs. Temp of bunkers 100°. Distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

Part					WINDS	i.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
No.	Hour.	Knots.	-athoms.		Direction.	Force.	Leeway.	in		Air Dry Bulb.	Wet	at	the Weather by	Clouds, by	Prop. of Clear Sky, in 10ths	of the	
N	A,M																
					N	4	30	0.18	73	73	73		ос		0		
S					и		30	16	"				44		ш		
6					"	1-3			ш	ш	ш		"	"	ш		
No.	5				NW	2	30	0.18	72	и	70		0	и	и		
Note	6					"	"		u	71	"		bc		1		
8	7					3	30	0.20	71	ш	ш		0	"	0		
N	8								"	70	69			"	и		
111 N by W 3 30.21 * 7.72 71 Bc - Cir - 1 Cir - 5 Cir	9					"	30	0.20	и	и	ш			и	и		
Note	10				N	u	30	0.22	"	71	70		ш	u	и		
Distance run by Log since preceding Noon	11				N by W	3	30	0.21	"	72	71		Вс	"	1		
Latitude by D. R. at Noon Longitude by D. R. at Noon Longitude by D. R. at Noon Longitude by Chronometer from Forencon Observations ⊕ Current during the time knots from perhour, setting to the Current during the time knots from perhour is the Sundise of the Compass by Amplitude ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Azminuth ⊕ observed at Sundise Variation of the Compass by Amplitude ⊕	Noon				и	5	30	0.18	72	73	72		u		5		
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Longitude by On R. at Noon Longitude by One Revations at Noon Longitude by Chronometer from Forenoon Observations Longitude by Chronometer from Afternoon Observations	Distar	nce run b	y Log	since pre	ceding Noon							H	nots		fathoms	S.	
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Current during the time	Latitu	de by Ob	serva	tions at N	oon ⊕										4	и	
Variation of the Compass by Azimuthe @observed at Surrise " " " " " " " " " " " " " " " " " " "	_												0		•	и	
Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Variation of the Compass by Azimuth © observed at Sunset ° " 365 gallons Water expended during the preceding 24 hours " 305 gallons" 2 tons 955 gallons " 365 lbs. Coal consumed during the preceding 24 hours " 2 tons 955 glbs. " 5 lbs. Coal consumed during the preceding 24 hours " 2 tons 955 glbs. " 5 lbs. Coal consumed during the preceding 24 hours " 2 tons 955 glbs. " 5 lbs. Coal consumed during the preceding 24 hours " 2 tons 955 glbs. " 5 lbs. Coal consumed during the preceding 24 hours " 30.16 glbs." 71 glbs." 71 glbs." 71 glbs." 8 lbs. " 4 lbs." 8 lbs." 8 lbs." 8 lbs. Coal consumed during the preceding 24 hours " 30.16 glbs." 72 glbs." 71 glbs." 8 lbs." 8 lbs." 8 lbs. " 3 lbs." 8 lb		-							nour, se	tting to	the						
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Water remaining on hand fit for me at Noon 385													Ü				
Water remaining on hand fit for me at Noon Coal consumed during the preceding 24 hours PM 1					eceding 24 h		41		04 5								
Coal consumed during the preceding 24 hours Coal remaining on hand at Noon PM 1					or mo at Naan	_	tne prec	eaing	24 nour	S						J	
PM 1			-										2	tone			
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Note 1	PM																
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3	2				N by W	"	30	0.14	72	"	70		bcq		5		
5 " " 30.08 71 70 69 " " " " 66 N by W " 30.09 70 " " " 0q Cum Nimb 0 Ni	3				N	5-6	30	0.12	"	"	"		и	u	3		
6	4				u	"	30	0.10	и	71	"		es	"	2		
0 Numb 0 7 " " 30.10 " " " " " " " " " " 8 " " " " " " " "	5				"	"	30	0.08	71	70	69		44	u	"		
7 " " 30.10 " " " " " " " " " " " " " " " " " " "	6				N by W	u	30	0.09	70	"	u		oq		0		
9	7				u	ш	30	0.10	u	и	u		44	"	и		
10	8				"	"	"		"	69	"		u	u	u		
11 " 2 30.13 " " " " " " " " " " " " " " " " " " "	9				NNW	4	30	0.12	"	70	u		44	"	u		
Mid. SW " 30.12 " " " " " " " " " " " " " " " " " " "	10				u	"	"		u	и	"		0	"	"		
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Longitude by Chronometer Observations] ° ' " Variation of the Compass by Amplitude observed at Sunset ° ' "	Longi	tude by C	Chrono	ometer fro	m Afternoon	Observat	tions ⊕						0			и	
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Variation of the Compass by at	Variat	tion of the	e Com	pass by A	Amplitude			ob	served				0		•	"	
	Variat	tion of the	e Com	pass by					at				0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy. Light breeze from N. Average steam during watch 20 lbs. Temp of bunkers 108°. Distiller in operation.

(Signed) J.K. Cogswell Lieut.

From 4 to 8 A.M. Overcast. Moderate breeze from N and W, increasing during latter part of watch. Average steam pressure 30 lbs. Temp of bunkers 90°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Overcast. Pleasant. Strong breeze with squalls from N and W. At 9.30 inspected at quarters. Exercised 1st Div. Single sticks. 2nd Div. Small arms. Navigator Div. Infantry Tactics. At 10.30 instructed apprentice boys. Got up 45 fathoms port sheet chain and ranged it on deck. Fire banked fires in two boilers. Average steam pressure 20 lbs. Temp of bunkers 98°. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Overcast, warm, squally. Strong breeze from N and W. Unbent light sails and made preparations for dressing ship. Fires banked in two boilers. Average steam pressure 20 lbs. Temp of bunkers 98°. Distilling. At 1 Comdg Officer paid official visit to the governor.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Overcast and cloudy with occasional light showers of rain. Wind fresh from N. At sundown housed topgallant waste. Average steam 20 lbs. Temp of bunkers 90°. Distiller in operation.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast, warm with moderate from N.N.W. shifting to S.W. during latter part. Fires banked in two boilers. Average steam pressure 20 lbs. Temp of bunkers 90°. Distilling.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut. Navigator.

			WIN	DS.		BAROM	ETER.	т	EMPERAT	JRE.	State of	Forms of	<u>.</u> .	State	
Anon. بة Honu	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	ш														
A,M 1			SW	1		30.12	70	70	70		bc	Cum	5		
2			"	"		30.12	"	"	"		"	"	"		
3			"	"		30.08	"	ш	и		u	"	"		
4			u	"		30.06	ш	ш	ш		ш	u	u		
5			и	"		"	ш	"	ш		0	Cum	0		
6			u	"		"	4	ш	и		bc	Nimb "	5		
7			и	"		"	ш	ш	ш		ű.	"	7		
8			"	"		"	"	ш	и		u	"	"		
9			ESE	"		"	"	72	71		"	"	1		
10			u	1-2		30.03	71	"	72		0	ш	0		
11			NE	1		30.04	72	73	и		bc	ш	3		
Noon			ш	ш		30.00	u	ш	ш		ш	Cir Cum	5		
Distance run b	-		eding Noon							kr	nots		fathoms.	"	
Latitude by D.											0				
Longitude by Ch			n ①								0			ш	
Latitude by Ob Longitude by O				Oheanya	tions 4	2					0			"	
Current during			knot			ms. per	hour se	tting to	the						
Variation of the							nour, oc	tung to	uio		0		ш	"	
Variation of the											0		ш	ш	
Water expende													255 g	allons	
	Condens	-			the pr	receding	24 hour	s					630		
Water remaining	ng on h	and fit for	me at Noor										2635	. "	
Coal consume	d durin	g the prece	eding 24 ho	ours								tons	2035	lbs.	
Coal remaining	g on ha	nd at Noor	า								91	u	210	"	
PM															
1			E	1		29.95	73	72	72		bc	Cum Nimb	1		
2			u	2		29.90	и	"	и		44	u	3		
3			u	3		29.88	ш	"	и		"	u	"		
4			u	u		"	"	**	u		"	ш	u		
5			ENE	u		29.92	и	74	и		u	u	1		
6			N	2		29.97	ш	73	ш		44	"	"		
7			N by W	3		29.98	"	"	ш		"	"	2		
8			"	"		29.99	72	u	71		u	Cum	5		
9			N	2-4		30.00	71	72	71		bcg	Cum	4		
10			"	"		"	"	"	"		"	Nimb "	"		
11			u	u		"	"	ш	u		u	ш	u		
Mid.			u	"		u	u	"	и		"	u	u		
											_				
Longitude by 0				Observa	itions (Ð					0			и	
Longitude by 0]			0			ш	
Variation of the			nplitude			ob	served	at Suns	et		0			"	
Variation of the	e Comp	ass by					at				0		•	44	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light S.W[ester]ly airs. Average steam 25 lbs. Temp of bunkers 80° Distilling water.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Pleasant, cloudy first hour. Light S.W[ester]ly airs. At 5.20 fidded topgallant masts and crossed topgallant yards. At sunrise, full dressed ship, rainbow fashion, in honor of Washington's birthday. Fires banked in tow boilers. Average steam pressure 25 lbs. Temp of bunkers 94°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Overcast, warm. Light airs from S and E, shifting to N and E. Hauled fires in all boilers, and pumped out boilers.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Cloudy but pleasant, moderate breeze from E. Served out monthly money to ships company. Temp of bunkers 90°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast pleasant. Light breeze from N and E, shifting to N and W. At sunset sent down topgallant yards.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Cloudy but pleasant, wind fresh in squalls from North.

(Signed) Cam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

				WINDS	i.		BAROM	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.		gi	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air	Water	the Weather	Clouds, by	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is
Knots	9	Fathoms.				Lee	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	by symbols.	symbols.	Prop.	Sea.	under at end of watch.
A,M																
1				NNW	4		30.02	72	72	71		or	Cum	0		
2							30.02	"		"			Nimb "	"		
3				44	4-6		30.02	ш	"	ш		og "	ш	u		
4				N by W	5		"	ш	"	70		66	ш	u		
5				NW	3-4		u	71	71	"		ogd	ш	u		
6				u	"		"	"	"	ш		oq	ш	u		
7				NW by N	u		u	44	"	ш		0	ш	u		
8				ш	"		30.02	70	69	69		oqd	ш	u		
9				NNW	u		u	u	"	и		bcq	u	2		
10				и	3-5		"	"	"	68		opq	ш	0		
11				и	"		"	"	"	ш		"	Nimb	u		
Noon				ш	2		u	44	"	69		or	ш	u		
		-		ceding Noon							kr	ots		fathoms		
Latitude b	-											0			"	
Longitude												0				
Latitude b					01							0				
-				m Forenoon					ttina to	th o						
Current de	-			knot mplitude ⊕ c			fms. per l	nour, se	itting to	une		0		ш	и	
				zimuth ⊕ ob:			11130					0		"	"	
				eceding 24 h										255 a	allons	
Water	Jonaca	duii	ing the pro	socuring 2+ 11		the p	receding	24 hour	's					200 g	"	
	nainina	on h	nand fit fo	r me at Noor	-									2380) "	
	_			ceding 24 ho									tons	935	lbs.	
Coal rema												90	ш	1515	ш	
PM																
1				N by W	2		30.00	70	70	69		ofe	Nimb	0		
2				N	и		29.98	и	"	"		0	ш	u		
3				NE "	"		29.94	u	u	70 "		u	"	u		
4					1		29.96						Cum	-		
5				S by W	0-1		29.94	4	и	и		ос	Nimb	ű		
6				44	"		ш	71	71	u		ш	ш	ш		
7				u	и		ш	4	44	и		4	ш	ű		
8					1		"									
9				SSW						"		bc "	Cum	1		
10					2		29.95	70	70							
11 Mid					2									0		
Mid.					3					•				8		
Lonaitude	by Chi	rono	meter fro	m Afternoon	Observa	tions 6	Ð					0			"	
				servations			-		1			0		,	и	
Variation							ob	served	ر at Suns			0			и	
Variation								at				0			и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, squally. Fresh breeze from N.N.W. Slight fall of rain during first part.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 A.M. Cloudy, squally. Fresh N.W[ester]ly wind. Drizzling during first and last part of watch.

(Signed) J. T. Sullivan

Lieut.

From 8 to Merid. Cloudy, with passing showers, steady rain last hour. Wind fresh in squalls from N.N.W. until 11, when fell light. At 10.15 veered to forty five fathoms on both chains, and hove in stem fast. Engaged in cleaning bilges. Instructed boys in Seamanship, Gunnery and Signals. Temp of bunkers 74°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Overcast. Rainy during first hour. Light airs from N and E. Hove up stream anchor, carried it out and let it go to the Eastward, veering to 45 fathoms.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast but pleasant, with light variable airs.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast first three hours, clear last hour. Light airs from S and W. Bright moonlight. Damp.

(Signed) J. T. Sullivan

Lieut.

Asa Walker, Lieut. Navigator.

				WIND	S.		BAROME	ETER.	TE	EMPERAT	URE.	State of	Forms of	٠.	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
1				SSW	1-5		29.94	70	70	70		bc	Cum	2		
2				"	"		"	"	"	"		"	Nimb "	"		
3				N by W	2-5		и	"	u	"		u	u	"		
4				"	4-5		29.92	"	ш	ш		ос	и	0		
5				"			29.93	u	69	69		"	u	"		
6				"	6		29.95	"	u	"		ш	"	"		
_				ш			00.00	"	"	"			Cir	•		
7					4-5		29.90					bc	Cum Nimb	2		
8				"	3-4		29.98	"	ш	u		ш	Cir Cum	4		
9				"	1-2		30.00	"	"	"		u	"	"		
10				и	ш		u	"	70	70		u	Cum Str	5		
11				"	ш		29;98	"	ш	u		ш	ű.	8		
Noon				и	3		29.97	71	"	"		u	u	9		
•																
Distan	ce run b	y Log	since prece	eding Noon							H	nots		fathoms		
Latitud	le by D.	R. at N	Noon									0		4	и	
-	ude by [0		'	"	
			tions at No									0		•	"	
				Forenoon								Ü		'	и	
	nt during			knot			fms. per l	nour, se	tting to t	the		0		"	"	
				nplitude ⊕ o			nrise					0		"	"	
				imuth ⊕ obs ceding 24 h										243 c	allons	
Water	СХРСПО	cu uun	ing the pre-	ccurry 24 III		the n	receding	24 hour	s					240 9	"	
	remainii	ng on h	hand fit for	me at Noon	_	шор	. cccag							213	7 "	
				eding 24 ho									tons	275	lbs.	
			and at Noo	-								90	u	1240	"	
PM																
1				N by W	3		29.95	72	72	71		bc	Cir Cum Str	7		
2				"	и		29.93	u	"	u		u	ш	и		
3				"	ш		29.90	"	73	72		u	Cir Cum	4		
4				ш	и		и	73	ш	u		u	Cir Cum Nimb	"		
5				"	и		и	u	"	u		u	Cir Str	8		
6				ш	u		ш	72	72	71		"	ш	5		
7				"	и		29.92	71	"	70		u	и	1		
8				ш	5		ш	"	"	"		"	ш	4		
9				NNW "	3		29.96	72	71	u		oc "	Cir Cum	0		
10					"		29.97	"	"			"	u	1		
11 Mid				W	1-2		29.98	"	72	71 "			u	"		
Mid.				S	0-1		-	-	-	-		-	•	-		
Longit	ude hv (hrono	meter from	Afternoon	Ohsenzat	ione 4	A.					0			и	
			meter Obs		CD3CI VAI	10110	ע		1			0			"	
-			pass by Ar				oh	served :	ر at Sunse	et		0			"	
			pass by	-				at				0			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy but pleasant. Wind light from S.W. first half, fresh in squalls from N. by W. latter half of watch. Barometer falling slowly.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Squally and overcast. Blowing fresh from N. Sea rough. Temp of bunkers 80°. Wind decreasing towards end of watch.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light N[orther]ly breeze during watch. At 11 o'clock a Mexican Gun Boat came in and anchored, in passing she saluted by dipping her colors. Returned the salute. John Tunny (Lds) was placed in double irons for gross carelessness; placing a pan of pork slush in galley oven. Sent an officer onboard the Mexican Gun Boat, "Independiacia" to the compliments of the Commanding Officer.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Cloudy and pleasant. Moderate breeze from N during entire watch. Sea smooth. Temp of bunkers 85°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. N[orther]ly wind, light during first three hours. Clouds moving rapidly to N. Temp of bunkers 85°. During watch an officer of the Governor's Staff came aboard with a letter for Commanding Officer.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Cloudy and pleasant. Light breeze from N and W. Ship rolling about 2° easily. Temp of bunkers 82°. Extra watch four hours. G. H. Pinder (W.R.B.) Ellison Parker (W.R.B.) Geo Vaughn (W.R.B.) Richard Jones (W.R.C.) W. H. Rich (W.R.B.) Walter Thomas (W.R.B.) Extra watch two hours. J.C. Sills (Boy) Geo Hermance (Boy) Geo H. Fisher (Boy) Herman Meyer (Boy)

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

				WIN	DS.		BAROMI	ETER.	Т	EMPERAT	URE.	State of	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	-	_														
A,M													_			
1				S	1		29.96	71 "	71 "	70 "		bc "	Cum "	1		
2				W												
3				SSW	2									2		
4				ш	ш		ű	и	и	и		ш	и	3		
5				SW	ш		ű	70	70	70			и	4		
6				WSW	"		29.97	и	и	и		66	и	"		
7				44	"		30.00	u	и	и		66	"	8		
8				NW	u		30.01	70	71	71		"	Cir Cum	"		
9				NE	0-1		30.02	72	73	72		44	и	7		
10				и	u		30.03	"	74	73		44	ш	"		
11				u	1-2		30.00	73	"	ш		"	и	"		
Noon				и	2		29.98	44	**	и		u	и	u		
-																
Distanc	e run by	/ Loa s	since prece	dina Noon								knots		fathoms	i.	
Latitude		-										0		,	и	
Longitu												0			**	
-			ons at Noo	n 🕀								0			"	
			neter from		Ohearva	tione (E)					0			"	
Current				knot			fms. per l	hour se	tting to	the						
	_		ass by Am					ioui, sc	itting to	uic		0		ш	"	
			ass by Azi				IIIIGC					0		ш	"	
														242	rollono	
Water	xpenue	u uuiii	ng the prec	euing 24 m		tho n	receding	24 hour	-0					243 (gallons "	
	omoinin	a on h	and fit for r	no at Naar	-	i iiie p	receding	24 Hour	3					189	4 "	
		-	and fit for r										tono			
			g the prece		urs							00	tons	275	lbs.	
Coal rei	maining	on na	nd at Noon									90		965		
PM																
1				NE	3		29.96	73	73	73		bc	Cir	6		
2					"		29.94	"	"	"		u	Cum "	4		
3				N	4		29.93	"	"	"		u	и	2		
4				"	5		<u>2</u> 9.93	"	u	и		"	ш	1		
				a	5-4		u	"	"	72		44	и	5		
5				N. I	5 -4 "		00.04	70		72 "		u	0			
6				N by W	2.2		29.94	72 "	70	74		u	Cum "	6		
7				**	2-3		29.95	"	72	71			"	4		
8										"				1		
9				N "	3		30.00							3		
10			,				"	и	и	и		44	и	4		
11			,		2		"			"		0		0		
Mid.				ee	3		u	и	и	"		ш	ш	"		
•			meter from		Observa	tions (Ð					0		•	ш	
			meter Obse]			0		•	и	
			ass by Am	plitude			ob	served	at Suns	et		0		'	и	
Variatio	n of the	Comp	ass by					at				0		'	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Light airs from S and W. W. H. Johnson (W.O.C.) stood four hours extra duty on quarter deck, by order of Commanding Officer.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Clear. Pleasant. Light breeze from S and W. Cum clouds. W. H. Simms (W.R.S.) stood 1 1/2 hours extra duty on quarter deck, by order of Commanding Officer. Temp of bunkers 87°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant, light airs from N.E. At 9.45 inspected Divisions at quarters, and at ten Commanding Officer inspected ship and crew. Confined Benj T. Cox (Str-Std) in double irons, full rations, to await trial by Court Martial, for attempting to smuggle liquor aboard. Temp of bunkers 82°. Prayers were read by Commanding Officer.

(Signed)

From Merid. to 4 P.M. Clear. Pleasant. Light breeze from N and W. Cir cum clouds. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant up to last hour of watch, afterward overcast and cloudy. Moderate breeze from N. At sundown sent down topgallant yards. Temp of bunkers 78°. Clouds passing to the N.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Overcast. Cool. Pleasant. Moderate North wind. Cum clouds passing over from south. Obscured moonlight. By order of Commanding Officer, Geo H. Pindar (W.R.B.) stood four hours extra duty. Temp of bunkers 78°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

	WINE	S.	BAROM	ETER.	Т	TEMPERAT	URE.	01-1	F		01-1-	
Hour. Cour steen sign the Light Steen	ses red. Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Chr. in 10ths	of the Sea.	Record of the sail the vessel is under at end of watch.
Knots Fathor			- moneo.		Daio.	Duib.	Surface.	aymoois.		Ę 9		
A,M												
1	N	1-2	30.00	72	73	72		ос	Cum Nimb	0		
2	ű	u	u	u	"	u		66	и	"		
3	és	и	44	u	ш	ш		bc	Cir Cum	2		
4	u	u	"	"	72	71		"	Nimb "	3		
5	NW	3	30.01	"	71	70		44	Cum	2		
	NW by					"		и	Nimb "			
6	w	2	"	71	70					4		
7	WNW	0-1	30.03	ш	44	**		и	" Ci-	6		
8	ш	u	30.08	u	71	71		44	Cir Cum	5		
9	N	2	"	72	72	72		66	44	u		
10	N by E	"	30.07	"	"	u		"	"	44		
11 Noon	u	и	30.00	73	73	u		66	44	7		
·	ш	3	30.05	и	44	**		и	"	8		
Distance we but an airce										-41		
Distance run by Log since Latitude by D. R. at Noon	-	1					K	nots		athoms.		
Longitude by D. R. at Noon								0	4		44	
Latitude by Observations								0			"	
Longitude by Chronomete		Observa	tions ⊕					o			"	
Current during the time	kno		fms. per l	hour, se	etting to	the						
Variation of the Compass				-	Ü			0	ш		44	
Variation of the Compass	by Azimuth ⊕ ol	served a	t					0	"		"	
Water expended during th	ne preceding 24	nours								295 g	allons	
Water		during	the preceding	24 hou	rs						u	
Water remaining on hand	fit for me at Noo	n								1599	"	
Coal consumed during the	e preceding 24 h	ours							tons	275	lbs.	
Coal remaining on hand a	at Noon							90	" 6	90	44	
514												
PM									Cir			
1	N	3	30.04	73	74	73		bc	Cum "	8		
2	N by W	2	30.01	74	75 "	74 "		"	"	"		
3			29.98	75 "	"				"	9		
4 5	u	ш	29.97 29.97	"	4	"		ш	ш	8		
6	N	u	29.97	"	"	"		"	ш	"		
7	"	u	29.98	74	74	73		"	"	9		
8	ш	"	30.00	"	"	"		"	ш	8		
9	u	3	30.04	73	73	72		ш	44	9		
10	NW by	u	u	72	72	"		u	ш	6		
11	W NNW	ш	ű	"	"	u		0	Cum			
		u	u	44	"	"		0	Nimb "	1		
Mid.	N by W		-			•				0		
Longitude by Chronomete	er from Afternoor	Observa	tions ⊕					0	4		ш	
Longitude by Chronomete		. 2230174]		0	4		"	
Variation of the Compass			ob	served	at Suns			0			u	
Variation of the Compass				at				0			u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy during first part, afterwards partially clear. Clouds passing to the N. Temp of bunkers 78°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant. Light airs from N and W. Engaged in scraping space and squaring ratlines. Temp of bunkers 81°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Pleasant. Light N.E. breeze. Cir Cum clouds. Crew engaged in squaring ratlines and tarring down. John Tunny (Lds) released from confinement by order of Commanding Officer. At 10.30 Summary Court Martial convened for the trial of Thomas Curley (2nd C.F.) At 11.30 Court Martial took recess till 1 P.M. Temp of bunkers 82°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant, light breeze from N and W. Engaged in squaring ratlines and tarring down. Summary Court convened at 1.05. Temp of bunkers 83°.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear. Warm. Light N[orther]ly breeze. Cir Cum clouds. Men engaged in tarring down. At 4.03 Summary Court Martial adjourned until 10 A.M. 27th. Temp of bunkers 75°. (Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant during first part, overcast latter part. Bright moonlight. Moderate breeze from N and W. Temp of bunkers 76°.

(Signed) Wainwright Kellogg Lieut.

> Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROM	ETER.	Т	EMPERAT	URE.					
Hour.	Fathoms.		courses teered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
ž	E.													ω.		
A,M													Cir			
1				N	3		30.03	72	72	72		0	Cum	0		
2				"	u		u	"	"	ш		66	"	u		
3				"	u		"	"	44	и		bc	u	1		
4				u	u		u	"	"	ш		0	66	0		
5				NW by N	2		30.04	"	"	и		bc	"	2		
6				44	u		30.06	44	44	и		64	"	u		
7				"	и		"	"	**	и		ш	"	u		
8				"	и		"	"	ш	и		ш	"	3		
9				N by W	и		30.12	72	73	и		u	66	2		
10				NNW	и		30.12	73	ш	и		u	66	3		
11 Noon				NW by N	и		30.10	74	74	73		ш	и	5		
Noon ·				NE by N	и		30.08	75	76	75		u	66	6		
D: 1																
				ceding Noon							Kr	ots		fathoms		
Latitude by												0			"	
Longitude b				oon (1)								0			"	
				m Forenoon	Observet	iono 🗥						0			u	
•	-							our oo	tting to	tho						
Current duri	-			knot Amplitude ⊕ c			ns. per l	ioui, se	ung to	uie		0	66		u	
				viripilitude ⊕ c			1130					0	66		u	
														204 ~	allana	
Water expe	naea a	uring	ine pre	eceding 24 h		the pr	eceding	24 hour						294 g	allons "	
	inina o	n hai	nd fit fo	r me at Noor	_	ine pri	eceding	24 Houi	3					1905	. "	
	-			ceding 24 ho									tons	275	lbs.	
Coal remain					, u. o							90		415	"	
PM																
1				NE	2		30.02	76	77	76		bc	Cir	8		
2				и	"		29.98	"	44	u		ш	Cum "	u		
3				и	"		29.96	77	44	u		ш	"	5		
4				и	"		29.94	"	44	u		ш	"	1		
5				u	u		29.96	44	76	75		u	Cir	2		
				"	u			"	"	"		4	Nimb "			
6				ENE			29.97	70	"	"		u	"	4		
7				ENE "	1-2		29.98	76 "	"	u		u	"	2		
8					0-1		u	75	75				"	3		
9				Calm "	0		"	75 "	75 "	75 "		oc "	"	0		
10				и	"		u		ш			и	"	"		
11				"	"		"	"	"	u		u	"	"		
Mid.																
Longitude h	v Chro	nom	eter fro	m Afternoon	Ohservat	ione 🕮						0			и	
Longitude b					ODSCI VAL]			0	,		"	
Variation of	-						o h	served				0	,		"	
Variation of				unpillude			OL	at	at JuliS	-Cl		0	,		"	
v an allon 01	ine CO	iiipd	as by					aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Pleasant. Light N[orther]ly breeze. Obscured moonlight. Cir Cum clouds. Temp of bunkers 95°. Clouds passing over from S.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 A.M. Cloudy but pleasant, wind light from N.W. by N. Temp of bunkers 82°.

(Signed) Sam. C. Lemly

Ensign.

From 8 to Merid. Cloudy, warm. Light breeze from N and W. Engaged in blacking ship outside. At 10 Summary Court Martial convened for trial of Thomas Curley (2nd C.F.) At 11.30 Court adjourned till 1 P.M.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Cloudy and warm. Light N.E[aster]ly airs. Blacking ship outside. At 1 Summary Court Martial convened for trial of Benj T. Cox (Str Std) Temp of bunkers 80°.

(Signed) Sam. C. Lemly

Ensign.

From 4 to 8 P.M. Overcast, warm. Light breeze from N. and E. At 4.30 Court Martial adjourned. Finished blacking outside. Temp of bunkers 78°.

(Signed) Wainwright Kellogg

Lieut.

From 8 to Midnight. Overcast but pleasant. Calm. Dim moonlight. Temp of bunkers 75°.

(Signed) Sam. C. Lemly

Ensign.

Asa Walker, Lieut.
Navigator.

		W	NDS.	BAROME	ETER.	Т	EMPERAT	URE.					
Hour.	Cou ster	urses ered. Direction.	Force.	Yewaa Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Ž	Ē								,		₹ 8		
A,M										Cum			
1		WSW	0-1	30.02	74	74	73		bc	Cum Nimb	2		
2		WNW	44		"	ш	и		ш	u	3		
3		ш	2		"	ш	и		и	u	1		
4		u	1		и	ш	и		ш	и	2		
5		Calm	0		"	44	74		ос	"	0		
6		и	44		4	ш	ш		ш	и	u		
7		ш	u		и	ш	и		ш	и	и		
8		ш	u		и	ш	и		ord	и	и		
9		W	1		75	75	и		oc "	и	и		
10		и	"		78	78	75			4	u		
11 Noon		Calm	0		77	77	и		ш	и			
		Е	1		и	"	76		и	44	u		
Distance was bu			_					1	4-		£-41		
Distance run by		preceding Noo	n					K	nots		fathoms.		
Latitude by D. F		_							0			и	
Longitude by Obs									0			и	
Latitude by Obs			Observat	ions A					0			и	
Current during t		knı		fms. per h	our ce	atting to	tho						
Variation of the					ioui, se	atting to	uie		0		4	и	
Variation of the									0		4	и	
Water expende											250 a	allons	
	ained	c proceding 24		the preceding	24 hou	rs					1000		
Water remaining		fit for me at No		and proceduring							2655		
Coal consumed										tons	275	lbs.	
Coal remaining									90		140	"	
· ·													
PM													
1		Е	1	29.92	77	77	76		ос	Cum Nimb	0		
2		u	44	29.90	и	ш	u		44	"	u		
3		ш	ш	и	"	ш	и		u	и	u		
4		u	"	29.98	u	ш	ш		"	ш	u		
5		u	u	u	78	78	77		"	"	u		
6		и	u	и	и	ш	u		44	44	u		
7		u	u	и	и	ш	и		"	"	u		
8		u	u	и	и	ш	и		"	"	u		
9		SSE	"	u	"	"	76		"	"	u		
10		u	"	u	"	"	u		"	"	u		
11		u	2	u	"	"	u		"	"	u		
Mid.		u	"	u	76	ш	ш		bc	Cir	2		
										Cum			
Longitude by Cl	hronomete	r from Afternoo	n Observat	tions ⊕					0			и	
Longitude by Cl]			0		4	"	
Variation of the				ob	served	at Suns			0		4	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy, warm. Light breeze from W.N.W. Obscured moonlight. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Overcast, warm. Drizzling rain last hour of watch. Calm. Temp of bunkers 83°. (Signed) J. T. Sullivan Lieut.

From 8 to Merid. Overcast and warm, light airs and calm. Received onboard 1000 gall's fresh water. English mail steamer "Ebro" came in, and anchored on port quarter of this vessel. Temp of bunkers 78°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Overcast, warm. Light E[aster]ly airs. An officer from the Mexican Gunboat returned the call of Commanding Officer. Temp of bunkers 80°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Overcast and warm, with light breeze from E. Received onboard in Department of Construction 150 lbs white lead paint. 6 gall's linseed oil. 9 gall's spirits turpentine. 150 feet white pine. One piece zapole wood 5in x 5 in, 20 feet long. Moon rose at 7.25. A small steamer came in at 7.45. Temp of bunkers 78°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast. Damp. Light S.E[aster]ly airs. Cleaned up during latter part of watch. Bright moonlight. Temp of bunkers 78°.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

			WINDS		BAROI	METER.	Т	EMPERAT	URE.	Stat	Forms of		State	
Hour.		Courses steered.	Direction.	Force.	Height in	Ther. att'd.	Air Dry	Air Wet	Water	e of the We	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is
Knots.	Fathoms.			_	in inches.		Dry Bulb.	Bulb.	surface.	athe r by sym		op. of C in 10		under at end of watch.
	Fa									bols		Œ		
A,M			Calm	0	20.06	75	75	75			Cum	0		
1			Calm "	0	29.86	75 "	75 "	75 "		oc "	Nimb "	0		
2			u	ш	44	"	ш	ш		u	"	"		
4			u	ш	"	"	"	"		"	ш	"		
5			u	ш	29.84	"	ш	ш		u	ш	"		
6			u	ш	29.86	"	"	74		bc	ш	1		
7			u	ш	29.87	"	"	"		u	Cir Cum Nimb	2		
8			u	ш	29.88	74	74	ш		u	"	1		
9			N by W	2	44	"	"	u		ос	Cum Nimb	0		
10			u	4	29.90	"	"	"		"	"	"		
11			u	5-6	29.88	"	73	73		bc	Cir Cum	4		
Noon			N	ш	u	73	"	72		Bcq	ш	5		
Distance run by	l oa	since nrec	edina Noon							knots		fathoms		
Latitude by D. R	-		ounig i toon							0		,	. "	
Longitude by D.										0			"	
Latitude by Obs	ervat	ions at No	on ⊕							0		4	"	
Longitude by Ch	rono	meter fron	n Forenoon (Observation	ns ⊕					0		4	"	
Current during to	he tir	ne	knots	3	fms. per	hour, se	etting to	the						
Variation of the					Sunrise					0		и	44	
Variation of the										0		"		
Water expended Water	d duri	ing the pre	ceding 24 ho			. 24 hav						250 g	allons "	
Water remaining	n on I	hand fit for	me at Noon	-	e precedino	j 24 110ui	15					240	5 "	
Coal consumed											tons	275	lbs.	
Coal remaining		-	-							89		2705	"	
PM														
1			N	4-5	29.89	73	73	72		bcq	Cir Cum	5		
2			ш	5	29.86	"	72	71			Cir Cum	3		
3			ш	ш	"	72	u	"		"	Nimb "	2		
4			и	6	"	"	"	"		"	и	3		
5			u	5-6	29.88	71	71	70		"	ш	4		
6			NNW	и	29.90	"	"	"		ocq	Cir Cum	0		
7			ш	5-7	29.92	70	70	"		"	"	"		
8				4-6	ш	"	71	"		"	и	"		
9			N by W	5-6	29.97	u	72	71		"	Cum Nimb	"		
10			"	4-5	29.98	71	и	"		bcq	"	1		
11			"	3	29.99	u	и	"		44	Cir Cum Nimb	4		
Mid.			и	3-4	30.00	u	ш	ш		ш	ш	1		
Longitude by Ch	rono	meter from	n Afternoon	Observation	ns ⊕					0			44	
Longitude by Ch					-		1			0			"	
Variation of the					0	bserved				0			"	
Variation of the	Com	pass by				at				0			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy. Calm. Temp of bunkers 83°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Weather cloudy and damp. Calm first part of watch. At 6.30 wind came out from the N gradually increasing. Clouds passing to the E. Temp of bunkers 84°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Cloudy and pleasant. Light airs from N and W first two hours. Strong wind from N last two hours. At 9.30 exercised at quarters. 1st and 2nd Divisions great guns. Marine Guard small arms. Temp of bunkers 76°.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Partially overcast, but pleasant during entire watch. Strong N wind. Squally latter part. Barometer steady during latter part, falling first of watch. Sailmaker gang engaged in altering Main trysail. Cleaned bilges fore and aft. Carpenter gang engaged in repairing main force pump. Temp of bunker 74°. The "City of Havana", mail steamer from New York, arrived at 3. Scud passing to the S.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast. Pleasant. Fresh squalls from N and W. At 6 lowered Topgallant masts. Temp of bunkers 76°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather cloudy. Wind from the N and W blowing fresh squalls first part of watch, decreasing towards end of watch. Lightening to the N and W. Barometer rising. Clouds passing to the E. Temp of bunkers 77°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

Record of the sail the vessel is under at all the vessel is a part of the sail the vessel is a graph of th				WINI	os.	BARO	METER.	Т	EMPERAT	URE.	State of	of the	Forms of	. .	State	
New		athoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Wet	at	Weath	er by	Clouds, by	Prop. of Clear Sky, in 10ths	of the	
New New 3-4		ш												20,		
						00.00		70	7.4				Cum			
Section Sect				NNVV									Nimb			
4				44												
S				"												
Second S																
N				u												
8				u	2											
N				"									ш			
10				N				72	u		ш		Cir			
11				IN "							u					
Name in the Name																
Distance run by Log since preceding Noor				"	"								u			
Latitude by D. R. at Noon Latitude by D. R. at Noon Latitude by O. R. at	•															
Latitude by D. R. at Noon Latitude by D. R. at Noon Latitude by O. R. at																
Latitude by D. R. at Noon Latitude by D. R. at Noon Latitude by O. R. at	Distance run	hy I oa	since nreced	dina Noon						ı	rnots		fat	homs		
Latitude by O. R. at Noon Latitude by Osbervations at Noon "				anig 140011									,		"	
Latitude by Observations at Noon Longitude by Chronometer from Forenoon Observations Turnet during the time											0				u	
Courant during the time Karlor Foreign of the Secretary Foreign of the Secretary Foreign of the Compass by Ampultidae Secretary Foreign of the Compass by Azimuth @ observed at Surise Secretary				າ ⊕							0				"	
Variation of the Compass by Amplitude @ observed at Surrise Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Compass by Azimuth @ observed at Variation of the Variation of t					Observation	ons ⊕					0		4		u	
Variation of the Compass by Azimuth @ observed at Variation of the							hour, se	etting to	the							
Water expended during the preceding 24 hours Water remaining on hand fit for me at Noon Coal consumed during the preceding 24 hours FM 1 N 3 3 30.07 73 73 73 73 8bc Cir Cum 1 1 2 " 3-4 30.06 " " " " " " " " " " " " " " " " " " "	Variation of th	he Com	pass by Am	olitude ⊕ c	bserved a	t Sunrise					0		u		"	
Water remaining on hand fit for me at Noon Coal consumed during the preceding 24 hours FM 1	Variation of th	he Com	pass by Azir	muth ⊕ ob:	served at						0		ш		ш	
Water remaining on hand fit for me at Noon Coal consumed during the preceding 24 hours The state of the sta	Water expend	ded duri	ing the prece	eding 24 h	ours									275 (gallons	
Coal consumed during the preceding 24 hours Coal remaining on hand at Noon FM 1	Water				during t	he precedin	g 24 hou	rs							ш	
PM 1 N 3 30.07 73 73 73 73 8c Cir Cum 1 2	Water remain	ning on I	nand fit for m	ne at Noor	ı									213	0 "	
PM 1	Coal consum	ed durir	ng the prece	ding 24 ho	urs							tons	3	275		
1 N 3 30.07 73 73 73 bc Cir Cum 1 2 " 3-4 30.06 " " " " " " " 3 " " " " " " 2 2 4 " " " " " " 3	Coal remainir	ng on ha	and at Noon								89		" 1	1820	"	
1 N 3 30.07 73 73 73 bc Cir Cum 1 2 " 3-4 30.06 " " " " " " " 3 " " " " " " 2 2 4 " " " " " " 3																
1 N 3 30.07 73 73 73 bc Cir Cum 1 2 " 3-4 30.06 " " " " " " " 3 " " " " " " 2 2 4 " " " " " " 3																
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4 " " " " " " " " " " " " " " " " " " "				"							u			2		
5				"	u	"	"	"	"		u	ш				
6 " " 30.06 " 73 72 " " " 5 7 " " " Cir Cum Nimb 2 8 " 1-2 30.08 " " " " " " 1 9 " 1 1-2 " 73 72 " 73 72 " " " " 3 10 " 1-2 " 73 " 73 " 73 " 6ir Cum 1 11 NNW 2 30.10 " " " " " " " " " 9 Mid. SW " 30.09 " " " " " " " " " " " " " " " " " " "				44	2	30.07	ш	74	"		u	ш				
7 " " " " 72 72 71 " " Cir Cum Nimb 2 8 " 1-2 30.08 " " " " " 1 9 " 1 " 73 72 " 73 72 " " 3 10 " 1-2 " 73 " 73 " 73 " 6ir Cum 3 11 NNW 2 30.10 " " " " " " " " " 9 Mid. SW " 30.09 " " " " " " " " " " " " " " "				"			"		72		u	ш				
8				ш	"		72				u					
9 " 1 " " 73 72 " " " 3 10 " 1-2 " 73 " 73 " Cir Cum 6 11 NNW 2 30.10 " " " " " 9 Mid. SW " 30.09 " " " " " " " " " "				u	1.0	20.00					u					
10 " 1-2 " 73 " 73 " Cir Cum 6 11 NNW 2 30.10 " " " " " 9 Mid. SW " 30.09 " " " " " " " "				u							u	ш				
11 NNW 2 30.10 " " " " 9 Mid. SW " 30.09 " " " " " " " " " " "				ш		"	73				u	Cir Cı	ım			
Mid. SW " 30.09 " " " " " " " "				NNW		30 10		"			"		u-11			
							"	"	"		u	ш				
Longitude by Chronometer from Afternoon Observations						33.30										
	Longitude by	Chrono	meter from	Afternoon	Observati	ons ⊕					0		4		u	
Longitude by Chronometer Observations]]		0				u	
Variation of the Compass by Amplitude observed at Sunset ° "						c	bserved				0		,		"	
	Variation of th	he Com	pass by				at				0		,		ш	
	Variation of the	he Com	pass by				at				0		•		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Damp. Fresh N.N.W. wind. Temp of bunkers 75°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast. Pleasant. Moderate N.N.W. breeze. Cum Nimb clouds. Received onboard 160 lbs fresh beef, 125 lbs vegetables. At 8, fidded Topgallant masts, crossed Topgallant yards, and loosed sail. Temp of bunkers 74°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from N. At 9.45 exercised at General Quarters. Time casting loose. 1st Div 3 m[inutes] 15 s[econds]. 2nd Div 1 m 5 s. Powder Div 1 m 45 s. Time securing. 1st Div 7 m 2 s. 2nd Div 3 m 30 s. Powder Div 3 m 45 s. Extended courtesies of port to Mexican Gun Boat "Libestat" [Libertad]. Received official mail from United States fur steamer. Carpenters gang engaged in repairing pumps. Temp of bunkers 72°. Steamer flying English colors came in and anchored during watch.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Cool. Pleasant. Moderate N[orther]ly breeze. Cir cum clouds. Strong S. current. At 1.15 furled all sail, except main sail and main trysail. At 3.30 furled and unbent Main sail and Main trysail, bent another Main trysail. Temp of bunkers 74°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant during first part, afterwards overcast and cloudy. Light breeze from N. At 5.30 called all hands to muster and published proceedings of Summary Court Martial convened onboard of this ship. Thomas Curley (2.C.F.) convicted of assaulting another man with a knife. Sentenced to 30 days solitary confinement on bread and water, double irons, full ration every five days. Sentence commuted by Commanding Officer, to 15 days confinement, single irons, full rations every 3 days. Benj. T. Cox (Str-Std) charged with attempting to smuggle liquor. Discharged on account of irregularities in specifications. At sundown sent down Topgallant yards. Temp of bunkers 76°. Barometer rising slowly. Confined Thomas Curley (2.C.F.) in single irons, full ration every three days, according to sentence.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Cloudy. Cool. Pleasant. Cir cum nimb clouds passing to N. Light airs from N. At 9.18 moon rose. Bright moonlight. Gave Frank L. Handly (Boy) four hours extra duty by order of Commanding Officer. Temp of bunkers 74°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

		WIND	os.	BAROM	ETER.	Т	EMPERAT	TURE.	Stat	Forms of		State	
Hour.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	e of the Wea	Clouds, by symbols.	Clear Sky, 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Knots.	Fathoms.			a linches.		Bulu.	Buiu.	Suriace.	ther by sym bols		Prop. of Clear tin 10ths.		
A,M									-				
1		SW	1	30.08	72	72	71		bc	Cir Cum	9		
2		и	1-2	и	"	"	u		ос	Cir Cum	0		
3		и	"	30.07	"	"	и		bc	Str Cir Cum	1		
4		SSW	u	30.06	"	"	и		"	"	7		
5		u	0-1	30.08	70	71	70		"	u	8		
6		и	и	и	"	72	u		"	Cum Str	7		
7		u	1	30.10	"	"	u		"	Cir Cum	8		
8		S by W	1-2	30.11	"	"	71		О	Cum	0		
9		SSW	2	30.10	72	73	u		bc	Nimb "	1		
10		u	ш	30.09	73	75	73		"	u	2		
11		SE	u	30.10	74	77	76		"	и	4		
Noon		Е	"	30.07	75	"	u		"	u	"		
Distance run by		receding Noon							knots		fathoms		
Latitude by D. F									0		•	и	
Longitude by D									0		'	и	
Latitude by Obs			٥						0			u	
Longitude by C									_			-	
Current during t Variation of the		knot		fms. per l	nour, se	etting to	tne		0		и	u	
Variation of the									0		и	u	
Water expende											257 (gallons	
Water	a during the p	proceding 24 m		the preceding	24 hou	rs					207 §	"	
Water remainin	g on hand fit	for me at Noor	_	are proceding							187	3 "	
Coal consumed	-									tons	275	lbs.	
Coal remaining									89	"	1555	"	
PM 4		_	•	20.04	76	76	75		ha	Cum			
1		E "	3	30.04	76 "	76	75 "		bc "	Cum Cir	6		
2				30.02		75				Cum	7		
3		E by N	"	30.00	75 "		74		"	u	8		
4 5		E "	4	29.98		76 "	75 "				9		
· ·		"	3	29.96	76	"	u		"	u	u		
6 7		и	"	29.98 29.99	75	74	74		и	и	u		
8		u	и	30.00	"	"	"		ш	и	u		
9		и	"	30.03	74	"	73		и	и	"		
10		u	1	30.07	"	"	74		"	Cum	"		
11		u	0-1	"	"	73	73		u		u		
Mid.		W	"	и	"	"	"		u	и	"		
Longitude by C	hronometer fi	rom Afternoon	Observat	ions ⊕					0		4	u	
Longitude by C	hronometer C	Observations]]		0		•	44	
Variation of the				ob	served	at Suns	et		0			44	
Variation of the	Compass by				at				0		•	ш	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, bright moonlight during first and last hours. Overcast and cloudy during remainder of watch. Light airs from S and W. Barometer falling slowly. Temp of bunkers 72°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant, first part. Light airs from S and W. At service half masted colors. At 8 crossed Topgallant yards. Overcast last hours.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Cloudy. Pleasant. Light breeze from S.S.W. Cum nimb clouds. Commanding Officer of the "Independencia" paid official visit to the ship. Temp of bunkers 76°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E. At 3.30 dragged stern anchor. Ran our hawser to buoy astern and brought up.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear. Warm. Fresh breeze from E. Cir Cum clouds. Engaged in securing stern fasts to buoy. At sundown sent down Topgallant yards. Temp of bunkers 75°.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Light airs from E shifting to W during last hour. Bright moonlight latter part. Temp of bunkers 74°.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

			WINE	os.		BAROMETER.			TEMPERATURE.			f Forms of		State		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weathe by symbols	Clouds, r by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	¥	ш												2.47		
A,M													Cum			
1				S	1		30.05	72	72	72		0	Nimb	0		
2				u	и		и	73	73	73		bc	"	1		
3				WSW	и		ш	"	"	"		44	" C	4		
4				и	и		30.03	u	44	72		44	Cum Str	9		
5				Calm	0		30.02	72	72	71		"	u	"		
6				u	u		30.05	"	"	"		bcm	u	6		
7				u	и		30.07	u	44	72		f	u	u		
8				u	и		30.09	u	44	u		bc	u	u		
9				и	ш		ш	73	73	71		44	Cum	9		
10				и	ш		30.10	74	74	72		44	"	"		
11				E	0-1		ш	"	75	75		44	Cir Cum	8		
Noon				E by	2		30.07	75	76	"		44	"	9		
•				N												
Distan	ce run b	v Loa s	since prece	dina Noon								knots		fathoms		
	le by D.		·									0			"	
	ude by E											0			"	
			ons at Noo	n ⊕								0			"	
	•		meter from		Observat	ions ⊕)					0		,	"	
	nt during			knot			ms. per l	nour, se	tting to	the						
Variati	on of the	e Comp	oass by Am	plitude o	bserved	at Sun	rise		-			0		ш	"	
Variati	on of the	e Comp	oass by Azi	muth ⊕ obs	served at							0		ш	"	
Water	expende	ed duri	ng the prec	eding 24 h	ours									250 g	allons	
Water					during	the pr	eceding	24 hour	s						"	
Water	remainir	ng on h	and fit for r	me at Noon	ı									1623	3 "	
Coal c	onsume	d durin	g the prece	eding 24 ho	urs								tons	275	lbs.	
Coal re	emaining	g on ha	ind at Noon	ı								89	"	1280	"	
PM																
1				NE by E	3		30.04	75	76	75			Cir Cum	9		
2				44	ш		30.02	75	u	u		a	"	44		
3				ш	и		30.00	76	77	76		"	ш	"		
4				ш	и		29.98	"	"	77		ш	"	u		
5				NE	2		30.00	77	78	78		ш	"	u		
6				44	1-2		29.99	ш	77	77			Cum Str	"		
7				44	0-1		30.00	76	76 "	75 "			u	"		
8				N by E				75						и		
9				NW by N	2		29.98	76	u	76 "			Cum Nimb	4		
10								-	"	u		oc "		0		
11 M:d					1		30.02									
Mid.					-		30.06	-	-	-		bc		3		
Longit	uda by C	hrono	meter from	Afternoon	Observet	ione 🕾						0		,	u	
_					onservat	iuiis 🕁	,		,			0			"	
_			meter Obse				a h	convod	at Suns			0			u	
	on of the		oass by Am	piituue			OD	served at	at Suns	Cι		0		,	"	
vandli	on or trit	COM	uaa uy					aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Cool. Pleasant. Heavy dew. Bright moonlight. Light variable airs. Cum clouds passing over from S to N. Temp of bunkers 74°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Pleasant. Calm. Foggy third hour of watch. Hove up steam anchor and planted it on starboard quarter, bent bow line to kedge and planted it in same direction, E.N.E., cast off stern fast from buoy. Temp of bunkers 74°. Received fresh provisions for ships company. At 8 crossed topgallant yards.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear, pleasant, calm. At 10 Commanding Officer inspected ship and crew at quarters. Afterwards, called all hands to muster, read Articles of War, circulars from Navy Department concerning death of Rear Admiral's Wilkes and Alden, and Squadron General Order No. 9. Prayers were read by Commanding Officer. Mustered ships company.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from N.E. by E. Barometer falling slowly. Temp of bunkers 76°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant, warm. Light airs from N.E. At sunset sent down topgallant yards.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and pleasant, with light breeze from NW. by N. Temp of bunkers 84°. (Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

			WIN	DS.		BAROMETER.			TEMPERATURE.			Forms of	ths.	State		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	8	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M																
				NW	2		30.08	76	75	75		bc	Cum	6		
1												ű.	Nimb "			
2				NNW "	1-2			75 	74 "	73 "				7		
3							30.07	74 "						9		
4 5				Calm "	0		30.04	"	73 74	73 74		44	u	6		
6				"	u		30.04	"	"	"		ос	u	0		
7				u	ш		30.08	ш	"	"		"	u	"		
8				и	u		30.10	"	"	"		bc	u	8		
9				N	1		30.09	76	75	75		"	Cir	"		
				"								"	Cum "	"		
10				и	2	,	30.01	78 "	77 "	76 "		ш	u			
11 Noon				и	3 2	,		"	"	u		44	u	7 3		
					2									3		
Dietan	nce run h	ov Loa	since prece	dina Noon								knots		fathoms		
	de by D.		•	ding Noon								0		,		
	tude by I											0			"	
_			ions at Noo	n ⊕								0			"	
			meter from		Observat	tions ⊕						0			и	
_	nt during			knot			ns. per l	nour, se	tting to	the						
	-		pass by Am	plitude	bserved							0		и	"	
Variat	ion of th	e Com	pass by Azi	muth ⊕ ob	served at	t						0		и	"	
Water	expend	led dur	ing the prec	eding 24 h	ours									258 (gallons	
Water					during	the pre	ceding	24 hour	s						и	
Water	remaini	ing on I	hand fit for r	ne at Noor	1									136	5 "	
Coal	consume	ed durir	ng the prece	ding 24 ho	ours								tons	275	lbs.	
Coal r	emainin	g on h	and at Noon	ı								89	"	1005	u	
PM																
1				N "	2		30.08	76	77 "	76		bc "	Cum "	8		
2				u	3		30.06	"	"	"		u	u			
3										"		u		9		
4					"		20.00			"		u				
5				"	u		30.08	и	76 "	"		и	u	8		
6 7				и	4		30.10	u	"	и		u	44	u		
8				и	3		30.12	u	"	и		u	44	4		
9				"	"		30.16	75	"	"		ш	u	3		
10				и	u		30.14	76	44	"		ш	u	"		
11				ш	2		30.1 4 "	"	u	ш		"	Cum	и		
				и								u	Nimb			
Mid.					4	;	30.16	74	74	74		-	-	4		
l cast	udo bu d	Chran-	motor from	Afternes:	Obossis	tions 🕾						0		4	44	
_			meter from		Observat	uons 🕁			,			0			u	
_			meter Obse				۵.	sen od	at Suns			0			u	
			pass by Am pass by	piitude			OD	served at	at ouris	Cl		0			"	
v ai idl	וטוו טו נוו	COIII	pass by					aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from N and W. Heavy dew. Moonlight.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear first and last hours; overcast rest of watch. Calm. At 8 crossed topgallant yards. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Warm, with light breeze from N, clouding over last hour. At 9.30 sounded call to general quarters, and exercised without powder. Cast loose. Navigator Div 2 m[inutes] 30 s[econds]. 1st Div 2 m 45 s. 2nd Div 2 m 45 s. Powder Div 4 m 45 s. Engineer Div 5 m 45 s. Secured at 10.09. Broke out starboard shot locker. Temp of bunkers 74°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear, warm. Light breeze from N. Exercised Co. B at target practice. The Commanding Officer of the Mexican Gunboat called on Commanding Officer. Temp of bunkers 74°. Cut a trap through flooring in starboard shot locker and cleaned the bilge in the run.

(Signed) J. T. Sullivan

Lieut.

From 4 to 8 P.M. Clear and warm, fresh breeze from N. At sunset sent down topgallant masts and topgallant yards. Engaged during watch in setting up topmast back stays, and cleaning bilge under starboard shot locker. Temp of bunkers 76°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear. Damp. Light breeze from N, increasing latter part of watch. Temp of bunkers 76°.

(Signed) J. T. Sullivan Lieut.

Asa Walker, Lieut.

Navigator.

				WINE	os.		BAROMETER.			TEMPERATURE.			Forms of	State of	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weather by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	-	_														
A,M					0		00.40	7.5	7.5	7.5			Cir	•		
1				N	2		30.16	75	75	75		bc	Cum "	8		
2				u	3		"	u	u	u		"	"			
3				"				"	"	"			"	7		
4				u	3-2 3		20.40					bcq "		8		
5				u			30.10	74 "	74 "	74 "		,,	Cum Cum			
6					3-4		30.18						Nimb	3		
7				u	"		30.19	"	и	73 "			u	"		
8					4-5 "		30.23	73				bcm	"	4		
9				NNW "	"		30.25	u	73	72 "		Bcq		7		
10				u				u	ш	"			"			
11 Noon				и	4		20.26	74	74			bc "	и	6		
•							30.26	74	74	73				0		
Distance	run hv	/ I na s	since prece	dina Noon							kı	nots		fathoms		
Latitude b		-	·	ung Hoon							10	0		,		
Longitude												0		•	"	
-			ons at Noo	n ⊕								0		•	"	
				Forenoon	Observat	tions (€					0		4	u	
Current d				knot			fms. per l	nour, se	tting to	the						
Variation	of the	Comp	ass by Am	plitude o	bserved	at Su	nrise					0		"	u	
Variation	of the	Comp	ass by Azi	muth obs	served at	t						0		ш	"	
Water ex	pende	d durir	ng the prec	eding 24 h	ours									258 g	allons	
Water					during	the p	receding	24 houi	rs						"	
Water rer	mainin	g on h	and fit for r	me at Noon										1107	, "	
Coal cons	sumed	durin	g the prece	eding 24 ho	urs								tons	275	lbs.	
Coal rem	aining	on ha	nd at Noon	ı								89	44	730	"	
PM													Cir			
1				N by W	3		30.21	74	75	74		C	Cum	8		
2				ш	u		30.17	u	и	и	u		u	ű		
3				"	u		30.16	и	и	и	и		u	9		
4							30.14	75		"	u		Cum			
5					4		30.12	74	74	75 "						
6					3			75 70	75							
7				"	2		30.14	72 "	72 "	72 "	44		u	и		
8				"							"		Cum			
9					2		30.16	73	73	73			Nimb	3		
10				"	"		30.17	"		72	"			"		
11				WNW "	"		"	72	72	71 "	"		"	"		
Mid.					и					**	u					
lar-teri	- h	h		After	Oharri	liar - ·	20					0		,	44	
•	-			Afternoon	Observat	uuis (IJ					0			"	
-			meter Obse				. 1.	oon (or	ot Supa			0			"	
			ass by Am	piitude			OD		at Suns	El		0			"	
Variation	oi (ne	Comp	Jass Dy					at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Moderate breeze from N, fresh in squalls last hour. Temp of bunkers 78°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Cloudy squally and damp. Fresh breeze from the N. Moderate sea. Temp of bunkers 76°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Moderate breeze from N.N.W. At 9.40 inspected at quarters. Had Dress Parade and drilled the Battalion by the Manual. Temp of bunkers 76°. Condemned 6 lbs butter (scrapings and leavings) no marks, to be turned into slush fund.

(Signed) J. T. Sullivan

Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from N. by W. Barometer falling slowly. Temp of bunkers 78°. Commanding Officer paid official visit to Mexican Gunboat "Libertad".

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light breeze from N. by W. At 6.07 sent down topgallant yards and topgallant masts. Temp of bunkers 7.30.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Cloudy and pleasant. Gentle breeze from N. Heavy dew. Temp of bunkers 74° .

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

			WINDS.			BAROME	ETER.	Т	EMPERAT	TURE. State		F	f . State	04-4-		
Hour.	Knots.	Fathoms.	Cours es steere d.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
А,М 1				SW	1		30.14	71	71	71		bc	Cum	3		
2					"		30.14	"	"	70		,	"	9		
				ш	и		ű. 1Z		и	"		,	Cir			
3								70				-	Cum	-		
4				и	2		30.10	и	"	и	I	b		10		
5				SE	и		и	70	70	70	I	ос	Cum Str	9		
6				SSE	1		30.08	"	"	"			u	u		
7				SW by S	2		и	"	"	u			u	и		
8				SSW	и		и	"	"	u			u	и		
9				S	1-2		30.09	72	73	72			Cir Str	и		
10				SE by E	u		30.07	"	74	73			u	u		
11				ESE	u		30.03	73	"	ш			Cir	"		
Noon				и	u		30.02	74	75	74		,	Cum Cum	u		
•							00.02	,	10	, ,			Oum			
Distan	ce run b	v I oa	since nr	eceding Noon							k	nots		fathoms.		
	le by D.											0		,	"	
	ude by [0			"	
-			itions at	Noon ⊕								0			"	
				rom Forenoon	Observat	ions (A					0			"	
_	it during			knot			ms. per h	nour se	ttina to t	the						
	-			Amplitude ⊕ c				.00., 00	ung to			0		"	"	
				Azimuth ⊕ ob								0		u	"	
				preceding 24 h										259 o	allons	
Water	oxpona.		90			the pr	receding	24 hour	s					200 9	"	
	remainii	na on	hand fit	for me at Noor	_				-					849	. "	
		-		receding 24 ho									tons	275	lbs.	
			and at N									89	"	455	"	
oou		9 0	and at i									00		.00		
PM																
1				ESE	4		29.97	75	76	75		bc	Cum	9		
2				"	и		29.92	"	"	u			и	u		
3				"	и		29.88	"	"	ш			u	и		
4				u	u		29.87	76	77	76			и	u		
5				S	3		u	"	78	"			и	u		
6				u	2-3		29.88	"	76	74			и	u		
7				"	ш		"	"	"	75			u	"		
8				u	u		29.89	"	"	76			и	u		
9				u	u		29.90	"	75	75			Str	u		
10				"	ш		"	71	76	ш			u	"		
11				"	ш		ш	70		ш			u	ш		
Mid				ш	и		ш	"	44	"			ш	и		
Longit	ıda bir C	hra:-	omotor f	om Afternes -	Obac=:-	lions 3						0			"	
Longitude by Chronometer from Afternoon Observations ⊕ Longitude by Chronometer Observations]														,	"	
-]			0		,		
				Amplitude			ob		at Suns	et		0				
variatio	on of the	e Con	npass by					at				•			-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, damp. Light airs from S.W. Gave A. T. Leigh (Boy) and F. L. Handly (Boy) four hours extra anchor watch, by order of Commanding Officer.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Clear. Pleasant. Light S.E. breeze. Cum Str clouds. Received onboard 160 lbs fresh beef and 150 lbs vegetables. At 8 fidded topgallant masts and crossed topgallant yards. Temp of bunkers 78°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Clear and pleasant, light airs from S during first part, afterwards from S and E. At 9.30 inspected at quarters and exercised Div's as follows. 1st and 2nd Div's great guns, Master and Powder Div, stations. Exercised Co A at small arms target practice. Temp of bunkers 74°. Jas E. Butter (Sea) and Wm Driscoll (Sea) left the launch, without permission, while ashore on duty.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light breeze from E.S.E. Cumulus clouds. Exercised at target practice with gatling gun. Expended 2000 rounds, cal[iber], 50. Sent ashore to Chief of Police a reward of ten dollars each for the apprehension and delivery aboard, of Jas E. Butter (Sea) and Wm Driscoll (Sea) absent without leave. Temp of bunkers 74°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant, light breeze from E. Barometer steady. At sunset sent down topgallant masts and yards. Placed F. C. Jones (1st C.B.) in double irons for using obscene language to Officer of Deck. Temp of bunkers 71°. Mail steamer "City of Havana" and "City of Merida" left at 5 for the United States.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Heavy dew. Light E[aster]ly breeze. Stratus clouds. Temp of bunkers 74°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.
Navigator.

			WIND	S.		BAROM	ETER.	T	EMPERAT	URE.					
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	ш										S.		2.47		
A,M												Cum			
1			SW	2		29.90	70	75	75		bcm	Nimb	1		
2			u	ш		29.89	u	74	74		и	ш	и		
3			Calm	0		29.88	74 "	75 "	73 "		ofm	u	0	,	
4			SW	1-2		29.87	"		u		bcm "	0	2		
5			S "	0-1		29.88		44	u		ш	Cum Cum	7		
6				1-2			75					Str	9		
7			"			29.89	72		"		bc "	"	u		
8				2		29.91	73	74	74		u	Cum "	"		
9			-			29.90	74	75	75			Cir	-		
10				и		29.88	75	77	76		и	Cum	ű		
11			u	и		29.89	76	79	и		ш	es	и		
Noon			и	и		29.84	78	82	80		ш	es	и		
Distance rur	o by Log	oinee proc	odina Noon								knoto		fathoma		
Latitude by [ealing Moon								knots °		fathoms.	"	
Longitude by											0			*	
Latitude by (on ⊕								0			"	
Longitude by				Observat	ions ⊕						0			ш	
Current duri			knots			ns. per h	nour, se	tting to t	the						
Variation of	-		mplitude o	bserved				•			0		ш	и	
Variation of	the Com	pass by Az	zimuth ⊕ obs	served at							0		ш	"	
Water exper	nded dur	ing the pre	ceding 24 h	ours									259 g	allons	
Water				during	the pre	eceding	24 hour	s						44	
Water remai	ining on	hand fit for	me at Noon										595	"	
Coal consun	med duri	ng the pred	eding 24 ho	urs								tons	275	lbs.	
Coal remain	ing on h	and at Noo	n								103	и	1216	и	
PM												Cir			
1			E.	2		29.82	80	82	80		bc	Cum	5		
2			NE by N	2-3		"	"	81	"		ш	44	6		
3			N by W	2		29.82	79	80	78		ш	ш	7		
4			N	4		29.83	"	"	и		и	ш	6		
5			u	6-8		29.84	78	78	75		bcq	44	44		
6			u	u		29.81	"	"	и		ш	es	8		
7			"	5-7		29.84	77	77	и		ш	ш	u		
8			ш	5-8		29.87	"	"	74		ш	u	44		
9			u	5-7		29.89	76	76	ш		ш	Str	9		
10			N by W	и		29.99	"	75	75		ш	Cir	44		
11			NNW	u		"	75	76	74		bq	None	10		
Mid			u	4-6		30.00	"	75	и		ш	ш	и		
Longitude by	y Chrono	meter fron	n Afternoon	Observat	ions ⊕	1					0		•	и	
Longitude by	y Chrono	meter Obs	servations]			0		•	ш	
Variation of			mplitude			ob	served a	at Suns	et		0		•	и	
Variation of	the Com	pass by					at				0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and calm. Wet and foggy latter half of watch. Temp of bunkers 74°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Misty during first part, afterwards clear and pleasant. At colors sent up main topgallant mast and left fore [topgallant] housed.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Warm. Light E[aster]ly breeze. Cumulus clouds. At 9.30 sent up fore topgallant mast. Inspected at quarters and exercised 1st and 2nd Divisions single sticks. Exercised Marine Guard small arms target practice. Exhausted 110 rounds. Temp of bunkers 76°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and warm. Light breeze from E shifting to N and W. Engaged in coaling ship. Received onboard 13 tons. Threw overboard 47 lbs bread dust condemned by board of survey. Received onboard 1000 galls fresh water. Wind freshening during latter part.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear. Warm. Blowing a moderate gale, with occasional heavy gusts from N. At 4.40 sent down topgallant masts. Temp of bunkers 75°. Heat lightening to S.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear. Warm. Moderate gale from N, with occasional squalls. Wind decreasing during latter part of watch.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

			WINDS.			BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	ģ	Courses steered.	Direction.	Fore	Leeway.	Height	Ther.	Air	Air	Water	of the Weath	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is
Knots.	Fathoms.				Lee	in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	er by symbol s.		Prop.	Sea.	under at end of watch.
A,M															
1			N	4		29.97	75	75	74		bc	Cir	8		
2			u				74	73	73		"	Cum "	9		
3			и			и	"	"	72		ш	ш	"		
4			ш	3		ıı	и	75	"		u	u	u		
5			NNW	ш		и	"	"	74		"	44	"		
6			и	ш	:	30.02	"	"	u		"	66	8		
7			ш	44	;	30.06	"	"	u		u	**	"		
8			и	"	:	30.10	u	"	"		"	"	6		
9			NW by N	ш	;	30.14	"	76	75		ш	**	2		
10			ш	2	:	30.16	75	44	u		"	44	3		
11			NNW	4	:	30.14	76	44	u		"	44	"		
Noon			N by W	ш	;	30.13	и	77	u		u	u	6		
Distance run b			eding Noon							k	nots		fathoms	. "	
Latitude by D.											0				
Longitude by D											0				
Latitude by Ob Longitude by 0				oonyoti	one ①						0				
Current during			knots	servau		ne nerl	hour co	tting to	the						
Variation of the				erved :			iloui, se	itting to	uic		0		ш	"	
Variation of the						130					0		u	"	
Water expend													254.0	allons	
	Receive				the pre	cedina	24 hour	's					1000		
Water remaini													134		
Coal consume	-			8								tons	275	lbs.	
Coal remaining											103	u	941	"	
PM												0:			
1			N by W	3	:	30.12	76	77	75		bc	Cir Cum	6		
2			и	u	;	30.10	"	"	u		u	es	44		
3			u	u	;	30.08	"	"	u		Cum	**	5		
4			ш	4	;	30.06	"	"	u		"	44	3		
5			N	u	;	30.10	"	75	74		О	Cum Nimb	0		
6			u	u	;	30.13	74	"	u		bc	Cum	8		
7			ш	u	;	30.14	"	"	u		0	**	0		
8			"	3	:	30.15	"	44	73		bc	Cum	8		
9			N by W	u	;	30.16	75	"	74		u	es	44		
10			ш	u	•		u	u	u		u	u	9		
11			ш	u	•	и	"	44	u		u	"	"		
Mid.			ш	u	•	и	и	u	ш		ш	ш	u		
											0			"	
Longitude by 0				servati	ions ⊕						0		•		
Longitude by (]			0				
Variation of the			nplitude			ob		at Suns	et		0		,		
Variation of the	e Com	pass by					at				U		•	"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Fresh N[orther]ly breeze. Cirrus Cumulus clouds. Bright starlight. Moon rose at 2.45. Gave G. H. Pinder (Lds) and F. L. Handly (Boy) each four hours extra watch. Temp of bunkers 74°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant, fresh breeze from N.N.W. Received onboard for use of crew, 149 lbs fresh beef and 125 lbs vegetables.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Moderate breeze from N and W. At 9.30 mustered at quarters.

(Signed) Wainwright Kellogg Lieut.

From Merid. to 4 P.M. Pleasant, with moderate breeze from N. by W. Mist on horizon to N. last hour. Quarterly Board of Survey condemned one case of tomatoes, to be thrown overboard. Lieut. R. G. Davenport, left the ship on leave of absence until Thursday 15th inst.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast, warm, damp. Moderate breeze from N. Paymaster Dennison Hurlburt, left ship on leave of absence until the 15th inst.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and pleasant with light breeze from N. by W.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

				WINDS.			BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	ž	Œ.										S.		ш. 07		
A,M 1				NNW	4		30.18	74	73	72		bc	Cum	6		
				"	4		30.10	"	"	"		u.	Nimb "			
2				ш				u				u		4 7		
3 4				NW by N	3 4		"	u	"	71 72		0	44	0		
5				N N	3		"	73	"	"		"	u	"		
6				"	"		30.17	"	74	73		44	44	u		
7				"	2		30.20	и	"	"		ос	u	1		
8				и	"		30.25	74	"	u		u	"	"		
9				NW	"		"	u	75	74		bc	**	3		
10				и	"		"	75	76	75		u	Cir	5		
11				и	"		30.24	u	"	ш		44	Cum "	7		
Noon				"	1-2		30.22	u	u	ш		ш	ш			
Distar	nce run l	oy Log	since pre	eceding Noon							k	nots		fathoms.		
Latitu	de by D.	R. at	Noon									0		•	"	
Longi	tude by	D. R. a	at Noon									0		•	"	
			ations at N									0		•	и	
				om Forenoon (0		•	u	
	nt during			knots			ms. per l	nour, se	tting to t	the		0				
				Amplitude ⊕ ol			rrise					0			"	
				Azimuth ⊕ obs		Į.								252.0		
Water		iea au	ring the pi	receding 24 ho		the pr	eceding	24 hour						252 <u>g</u>	allons "	
		ina on	hand fit fo	or me at Noon	during	ine pi	eceding	2 4 110ui	3					1089	. "	
		-		eceding 24 ho	ırs								tons	275	lbs.	
			nand at No									123	"	1855	"	
		J														
PM													Cin			
1				N	2		30.22	75	76	75		bc	Cir Cum	9		
2				N by E	"		30.18	76	u	и		и	u	u		
3				NNE	"		30.14	77	77	76		u	"	"		
4					44		ш	76	"	и		ш	"	"		
5				NE by N	"		30.12	77	78	77		ш	Cum Nimb	5		
6				и	"		30.14	u	77	и		bcm	ш	2		
7				"	1		ш	и	"	и		ос	"	0		
8				u	"		"	и	u	и		и	u	u		
9				"	44		30.18	76	"	75		ш	44	"		
10				"	44		ш	u	"	76		ш	44	"		
11 Mid				Calm	0		44	и	44	и		и	ш	и		
Mid				ш	"		"	u	"	"		ш	ш	"		
												_				
_				om Afternoon (Observat	tions ()					0			"	
•	•			bservations]			0		,		
				Amplitude			ob		at Suns	et		0		,		
Variat	ion of th	e Con	npass by					at				ŭ				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant first part, with fresh breeze from N and W. Overcast last hour. Barometer steady.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Overcast and pleasant. Light breeze from N. Crossed topgallant yards at 8 o'clock.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear and pleasant, with light breeze from N.W. Two Mexican hermaphrodite brigs, and also a Mexican stern wheel steamer, went to sea.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Light N.N.E[aster]ly airs. Coaling and watering ship. Received 900 galls fresh water.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Cloudy but pleasant, with light breeze from N.E. by N. Finished coaling ship, having received onboard 39 364/2240 tons.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast, calm. Last two hours damp.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

				WIND	S.	BARC	METER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M															
1				N	5	30.16	74	74	72		ос	Cum	0		
2				"	"	"	"	"			bc	Nimb "	2		
3				ш	и	"	"	"	u		"	"	6		
4				и	u	"	"	"	"		ш	Cum	8		
5				и	1-2	30.17	76	75	74		ОС	"	0		
6				Calm	0	ш	75	"	u		ocd	Cum	1		
7				W	2	30.16		74	u		bcd	Nimb Cum	u		
8				NW by		30.20		75	и		bc	Cir	u		
				W	"							Cum "	0		
9 10				u	"	30.20	"	76 77	75 76		oc "	44	0		
11				Calm	0	ш	"	77	76		bc	"	5		
Noon				N by E	1	30.18		"	"		"	ш	7		
•				IV Dy L	•	00.10									
Distan	ce run b	by Log	since prec	eding Noon						ı	knots		fathoms.		
Latitud	le by D.	. R. at I	Noon								0			u	
Longitu	ude by I	D. R. a	t Noon								0			"	
Latitud	le by Ol	bserva	tions at No	on ⊕							0			ű	
Longitu	ude by (Chrono	meter fron	n Forenoon (Observat	ions ⊕					0		•	ш	
	nt during			knots			r hour, se	etting to	the		0				
				mplitude ⊕ o							0		"	"	
				zimuth ⊕ obs							Ü				
			-	ceding 24 h		the execution	~ 04 hau						253 g		
Water		Receive		me at Noon	_	the preceding	y 24 110u	15					900 1736		
		-		eding 24 ho								tons	275	lbs.	
			and at Noc		uio						123	"	1580	"	
		9													
PM												Cin			
1				NE by N	1	30.16	77	78	77		bc	Cir Cum	5		
2				NE by E	2-3	30.10	и	44	u		u	ш	7		
3				ENE	3	ш	"	44	76			"	"		
4				Е	2-3	30.09		77	"		u	ш	3		
5					3	30.06	76						1		
6				ENE "	4										
7				"	3	20.00			75			"	"		
8 9				и	2	30.08 30.12		"	75 76		u	ш	u		
10				"	0-1	30.12		"	"			"	3		
10					0-1	30.13						Cir	3		
11				WSW	1	44	"	"	u		u	Cum Nimb	2		
Mid.				и	ш	ш	и	и	и		и	"	5		
Longiti	ude hv (Chrone	meter from	n Afternoon	Observat	ions ⊕					0		,	ш	
-			meter Obs		_ 5551 141]	ı		0			"	
-			pass by A			c	bserved				0			ш	
			pass by				at				0		•	и	
			-												

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy first part, clearing up towards close of watch.

(Signed) Sam. C. Lemly. Ensign.

From 4 to 8 A.M. Thick mist. Drizzling rain part of watch. Light airs from the W. Temp of bunkers 75°. Received fresh provisions for crew.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast first part, afterwards clear, warm. Light airs from N. and E. At 9.45 had preliminary inspection. At 10, Commanding Officer inspected the ship and crew at quarters. Mustered the crew and held Devine Service.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from N and E, shifting to E. Barometer falling.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Cloudy and pleasant. Damp. Light breeze from E.N.E. At sundown sent down topgallant yards.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Weather cloudy. Light airs from the E. Ground swell setting in from the S and E. Ship rolling about 3°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.
Navigator.

				WIND	s.		BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of	5	State	
Hour.		ms.	Courses steered.	Direction.	Force.	Leeway.	Height in	Ther. att'd.	Air Dry Bulb.	Air Wet	Water	of the Weath er by	Clouds, by symbols.	n of Clear in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Knots	2	Fathoms				2	inches.		Bulb.	Bulb.	surface.	symbol s.		Prop. Sky, i		under at end of watch.
A,M																
1				Calm	0		30.12	76	77	76		bc	Cum Nimb	2		
2				u	"		ш	u	"	"		ос	"	0		
3				и	u		и	75	76	75		u	66	"		
4				ш	u		и	и	u	u		u	u	44		
5				u	"		30.13	76	"	"		bc	44	4		
6				u	"		и	u	77	76		u	Cir Cum	5		
7				NE	0-1		30.15	77	78	ш		u	"	4		
8				u	u		30.16	и	"	77		и	и	3		
9				ENE	u		ш	u	u	ш		u	66	5		
10				u	"		30.14	78	"	"		u	44	6		
11				u	u		30.12	u	u	u		и	ш	8		
Noon				ш	u		30.09	u	u	ш		u	44	9		
Dietones	run hv	Logic	inoo nroo	eding Noon							L	nots		fathoms		
Latitude b	•	-		eding Noon							r	0		,		
Longitude												0			"	
Latitude b				on ⊕								0			"	
	-			Forenoon	Observa	tions ⊕)					0			"	
Current di				Knot			ms. per h	nour, se	tting to	the						
	-			nplitude ⊕ o		at Sun	rise					0		ш	"	
Variation	of the	Comp	ass by Az	imuth ⊕ ob	served a	t						0		u	"	
Water exp	pended	l durii	ng the pre	ceding 24 h	ours									252 g	allons	
Water					during	the pre	eceding	24 hour	s						"	
Water ren	naining	on h	and fit for	me at Noor	1									1484	1 "	
Coal cons	sumed	durin	g the prec	eding 24 ho	ours								tons	275	lbs.	
Coal rema	aining o	on ha	nd at Noo	n								123	ш	1305	"	
PM																
1				Е	3		30.10	78	77	77		bc	Cir	6		
2				E by	4		30.06	и	"	ш		ш	Cum "	5		
3				N "	3		30.03	77	78	"		44	ш	7		
4				ENE	4		"	78	"	"		44	66	6		
5				"	"		30.00	"	"	u			ш	4		
6				"	1-2		"	u	ш	"		44	u	5		
7				E by			30.01	и	44	"			4	"		
				N	"			"	"	u		ш	u			
8				E E by			30.02	"		"		u	u	4		
9				N	2		30.04	-	-					6		
10				E	1		30.06	u	"	"			Cum	5		
11 Mid				ш	0-1		30.08	77	"	ш		44	"	6		
				"	"		30.09	и	и	ш		44	ш	5		
												_				
				Afternoon	Observa	tions ⊕)					0				
Longitude]			0		•	"	
Variation				nplitude			ob		at Suns	et		0		•	"	
Variation	of the	Comp	ass by					at				0			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Damp. Calm. Barometer steady.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Overcast, warm. Calm first part, light airs from N.E. last part. At 8, crossed royal and topgallant yards and loosed sail to a bowline.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear and pleasant, light airs from N and E. At 9.30 exercised at General Quarters. Time casting loose. 1st Div 4 m. 2nd Div 1 m 40 sec. Master Div 1 m 50 sec. Powder Div 2 m 30 sec. Time securing. 1st Div 6 m 10 sec. 2nd Div 2 m 10 sec. Master Div 2 m 10 sec. Powder Div 2 m 55 sec. At 10.15 shortened sail, and 11.30 furled sail. Barometer falling.

(Signed) J. K. Cogswell

Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from N and E. F.C. Jones (1st C. B.) released from confinement, and sent to duty. Sent launch for fresh water. Barometer falling.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 P.M. Clear and pleasant, light airs from N and E. Barometer rising slowly. At sundown sent down royal and topgallant yards and topgallant masts. Immediately after mustered at guarters and served out clean hammocks.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Partially overcast, damp. Light airs from E. Light swell from N and E.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

	WIND	S.	BAROM	ETER.	т	EMPERAT	URE.	State	Forms of		Stat	
	ered. Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	e of the Sea	Record of the sail the vessel is under at end of watch.
								S.		2.57	٠	
A,M	_	0.1	20.07	77	77	77		ho	Cum	2		
1	E "	0-1	30.07	77	77	77		bc	Nimb "	3		
2	u		30.05			u		oc "		0		
3		1	30.04	"	"	"			Cum "			
4	N by W							bcm	 Cum	1		
5	NW	ш	и	и	и	76		u	Nimb	1-2		
6	и	44	30.06	76	"	"		bc	"	3		
7	ű	u	u	u	и	u		u	Cir Cum	5		
8	u	"	ш	"	"	"		u	"	"		
9	NNW	u	30.09	u	78	77		u	"	6		
10	"	"	30.10	78	89	78		u	"	4		
11	N by W	"	30.09	"	"	"		u	"	2		
Noon	NE by	44	30.08	"	u	u		u	"	5		
·	N											
Distance run by Log since	preceding Noon							knots		fathoms		
Latitude by D. R. at Noon								0		•	u	
Longitude by D. R. at Noo	on							0		"	"	
Latitude by Observations	at Noon ⊕							0			"	
Longitude by Chronomete	er from Forenoon	Observation	ons ⊕					0			"	
Current during the time	knot	s	fms. per l	hour, se	etting to	the						
Variation of the Compass	by Amplitude	bserved a	t Sunrise					0		"	"	
Variation of the Compass	by Azimuth obs	served at						0		u	"	
Water expended during the	ne preceding 24 h	ours								252 g	allons	
Water Received		during t	he preceding	24 hou	rs					80) "	
Water remaining on hand	fit for me at Noor	1								203	2 "	
Coal consumed during the	e preceding 24 ho	ours							tons	275	lbs.	
Coal remaining on hand a	t Noon							123	и	1030	ш	
PM												
1	NE by E	2	30.05	79	80	79		bc	Cir	5		
	"			"	"	"		"	Cum "	"		
2	u	3	30.02	"	"	"		и	"	"		
3		_	30.00					u	Cum			
4			29.98						Nimb	3		
5	ш	2	30.00	78	ш	78		0	u	0		
6	NE by N	1	30.01	"	ш	и		"	Nimb	u		
7	NW by N	0-1	30.02	"	ш	и		od	"	"		
8	и	3	30.04	"	79	77		or	66	u		
9	и	1-2	u	"	ш	79		od	66	"		
10	ш	0-1	и	и	и	ш		OC "	и	u		
11	ш	ш	и	и	"	"			64	u		
Mid.	и	и	и	u	**	ш		"	и	и		
Longitude by Chronomete	er from Afternoon	Ohsenzati	nns 🕀					0		,	u	
		Onsei valli	J119 T		,			0			"	
Longitude by Chronomete				ser od	at Suns			0			"	
Variation of the Compass Variation of the Compass			OD	served at		Cl		0		,	"	
variation of the Compass	Dy			at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather cloudy and misty. Light airs from the E, shifting to the N and W.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy but pleasant, with light airs from N.W. Scrubbed hammocks. At 8, sent up topgallant masts. Parted starboard fore royal backstay. Temp of bunkers 80°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Cloudy, warm. Light airs from N and W. Inspected at quarters at 9.30. Afterwards exercised at battalion drill. Made preparatory for painting ship inside.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Cloudy and warm. Pleasant breeze from N.E. by E. Engaged painting ship inside. The Mexican Gunboat "Libretad" got underway and went to sea. Temp of bunkers 80°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Overcast, light airs from N and E. Raining during latter part. Light breeze from N and W.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Cloudy and warm, with light N. W[ester]ly airs.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

				WIND	S.	BARC	METER.	Т	EMPERAT	URE.	State	Forms of	5 .2	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	~	Ē									S.		Ē		
A,M															
1				Calm	0	30.04	78	78	77		om	Nimb Cum	0		
2				NW	0-1	и	ш	44	"		bcm	Nimb	5		
3				NW by W	3	30.05	"	"	"		ш	66	2		
4				u	2	и	u	44	u		bc	u	6		
5				Calm	0	30.02	77	"	"		ш	66	5		
6				ш	u	30.03	76	77	76		u	Cir Cum	3		
7				NW by	1	30.06	"	76	75		u	u	1		
8				N NW	u	30.10	u	44	u		u	44	7		
9				NNW	0-1	30.12	77	77	76		u	и	6		
10				44	u	ш	78	78	77		"	44	"		
11				NNE	2	ш	и	"	"		ш	44	7		
Noon				66	3	и	u	"	"		u	es	"		
•															
Distance	e run b	y Log	since prece	eding Noon						I	knots		fathoms		
Latitude	by D.	R. at N	Noon								0		•	"	
Longitud											0		•	u	
			ions at No								0		•	и	
				Forenoon							0			"	
Current	-			knots			hour, se	etting to	the		0			"	
				nplitude ⊕ o							0		"	"	
				imuth ⊕ obs							· ·				
	xpenae	ea aur	ing the pre	ceding 24 h		41	. 04 5						252 (gallons "	
Water			hand fit far	ma at Naam	_	the preceding	g 24 nou	rs					170	n "	
		-		me at Noon								tono	1780 275	J	
			and at Noo	eding 24 ho	uis						123	tons "	755	lbs.	
Codinen	· iaii iii ş	9 011 110	and at 1400								120		700		
PM															
1				NNE	2	30.06	80	79	83		bc	Cir Cum	7		
2				NNW	3	и	79	78	82		"	"	3		
3				Calm	0	30.04	78	76	80		ор	Nimb	0		
4				NNW	3	30.00	u	77	78		bc	Cum	3		
5				"	2	30.02	u	"	77		44	Nimb "	4		
6				"	1	"	"	"	"		"	44	3		
7				N	3	30.04	и	78	76		ш	es	2		
8				"	2	и	u	"	"		"	и	3		
9				NNW	и	30.10	u	"	78		44	44	2		
10				"	1	30.12		77	77		44	44	7		
11				"	2	44	ш	"	u		ш	66	0		
Mid				"	ш	30.11	76	76	76		"	u	"		
								-							
Longitud	de by C	Chrono	meter from	Afternoon	Observat	ions ⊕					0			"	
-			meter Obs			-]	ı		0			"	
-			pass by Ar			C	bserved				0		4	u	
Variation							at				0			u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, misty first part, afterwards clear and pleasant. Light breeze from N. and W.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Clear and pleasant. Calm first part, afterwards light airs from N and W.

(Signed) J. T. Sullivan
Lieut.

From 8 to Merid. Clear and warm, light airs from N.N.W. first half, moderate breeze from N.N.E. latter half of watch. Engaged in painting lower masts, bowsprit and under topgallant forecastle. Mexican Steamer "Minalitau" came in and anchored off starboard quarter of the vessel. Quarterly Board of Survey, condemned 15 lbs butter, keg found to contain salt only. Temp of bunkers 78°. By order of Commanding Officer, upon recommendation of Surgeon, Thomas Curley (2.C.F.) was released from further confinement imposed by * Summary Court Martial. *sentence of

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and warm. Variable airy first part of watch. Gentle breeze from N.N.W. last hour of watch. Light fall of rain about 3.30. Engaged in painting ship inside.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Cloudy and sultry. Light N[orther]ly and N.W[ester]ly airs. Temp of bunkers 80°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Overcast. Damp. Pleasant. Light N.N.W. breeze. Temp of bunkers 80°. At 9.30 the Mexican Gunboat "Independencia" got underway and stood out to sea.

(Signed) J. T. Sullivan Lieut.

> Asa Walker, Lieut. Navigator.

			WINDS	š.	BAROM	ETER.	т	EMPERAT	URE.	State	Forms of	٠.	State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
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4			ш	ш	u	u	и	и		ш	ш	"		
5			WNW	2	u	76	76	75		ш	ш	8		
6			ш	ш	30.12	u	74	72		"	Cum	7		
7			" NW by	1	и	75	ш	73		ш	ш	8		
8			W	ш	30.13	"	75	74		ш	Cir	9		
9			N by E	2	30.14	76	ш	76		"	ш	"		
10			NNE	"	30.16	77	78	78		"		"		
11			ш	3	u	"	44	80		u	Cir Cum	8		
Noon			ш	2	и	78	79	u		u	Cum	9		
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8			ш	"	u	"	78	79			Cum	9		
9			ш	"	30.10	"	79	78			u	"		
10			ш	1	и	u	77	76			ш	8		
11			u	44	и	u	76	75			ш	9		
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RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, with moderate breeze from N.N.W. Temp of bunkers 76°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Weather warm and pleasant. Light N.W[ester]ly airs. Engaged in painting aloft. Temp of bunkers 77°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Clear warm and pleasant. Light airs from N and E. Engaged in painting ship inside. Condemned and threw overboard 3 cans (4 lbs each) preserved meat, marked New York and Texas Beef Preserving Co. Temp of bunkers 78°.

(Signed) J.T. Sullivan Lieut.

From Merid. to 4 P.M. Clear warm and pleasant. Light breeze from E.N.E. Finished painting. Temp of bunkers 78°. Barometer steady during last three hours.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light N.N.E. airs. Temp of bunkers 78°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Clear and pleasant. Light airs from N and E, shifting to N and W. Barometer rising slowly. Temp of bunkers 78°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut.

Navigator.

				WIND	S.		BAROM	ETER.	TE	EMPERAT	URE.	State	Forms of	٠.	State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
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3				ш	<u>~</u>		30.10	76	"	"		bc	Cum	9		
3 4				ш	"		30.10	"	4	"		bc "	cum "	9		
				u	u			u	44			и	Cum	•		
5				_			30.09			73			Nimb	8		
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7				и	44		64	74	75	ш		44	" Cir	9		
8				SW	"	;	30.08	"	77	75		"	Cum	ш		
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RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light W[ester]ly breeze. Bright starlight. Temp of bunkers 78°.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 A.M. Clear. Cool. Pleasant. Light W[ester]ly breeze Cum Nimb clouds. Weighed steam kedge, and carried a line out to a buoy on port quarter. Got spare anchor on forecastle, off bow. Made preparations for getting underway. At 6.10 started fires under four main boilers. Received in Pay Department 160 lbs fresh beef, and 130 lbs vegetables. Temp of bunkers 80°.

(Signed) Richard G. Davenport

Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from S and W shifting to E. At 9 hove up starboard anchor, found foul of an old anchor and chain. Cleared it, and hove up port anchor. At 11.45 got underway by winding ship, by the buoy, and stood for Sacraficio Island. Average steam pressure 50 lbs. Temp of bunker 86°.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Moderate E[aster]ly breeze. At 12.20 came to anchor. Moored ship, 45 fathoms starboard chain at hawse hole, 45 fathoms port chain just forward bitts. 5 1/4 fathoms water. Bearings at anchor.

Carried out kedge anchor in E.N.E. direction, with about 80 fathoms line. Hove up port anchor. Hove in to 30 fathoms starboard chain. Steam pressure 45 lbs. Temp of bunker 85°.

(Signed) Richard G. Davenport

Lieut.

From 4 to 8 P.M. Clear and pleasant. Fresh E[aster]ly breeze. Let go port anchor, and veered to 15 fathoms on port chain, and hove in to 30 fathoms on starboard chain. Let the fires under two boilers die out. Condensing. Dragged for stream chain. Got the port sheet anchor ready for letting go.

(Signed) J. K. Cogswell

Lieut.

From 8 to Midnight. Clear. Warm. Moderate breeze from E.S.E. Heat lightening to S. Clear hawse. Banked fires in two boilers. Temp of bunkers 96°. Average steam pressure 30 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

Part					WIND	S.		BAROM	ETER.	Т	EMPERAT	URE.	01-1-	F		04-4-		
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To Coal consumed during the preceding 24 hours Coal remaining on hand at Noon The coal remaining on	Wate	r	Conde	nsed		during	the p	receding	24 hour	s					400) "		
PM 1	Wate	r remain	ing on	hand fit for	me at Noon	ı									1384	4 "		
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variation of the Compass by Amphitude observed at Sunset	Longi	itude by	Chron	ometer Ob	servations]			0		•	44		
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	Varia	tion of th	ne Com	npass by					at				0		•	"		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and damp, heavy dew, light airs from S and W. Barometer steady. Average steam 32 lbs. Temp of bunkers 90°. Distiller in operation.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant, with light airs from W. Unbent 30 fathoms from sheet chain on deck, bent it on sheet chain in locker and paid it below. Cross in hawse at end of watch. Steam in two boilers. Distilling. Average steam pressure 25 lbs. Temp of bunkers 94°.

(Signed) Wainwright Kellogg
Lieut.

starboard chain on top,

From 8 to Merid. Clear. Warm. Light airs from N.N.E. Cross in hawse, starboard chain on top, starboard chain on top, dipped it under and swung clear. By order of Commanding Officer, Wm Driscoll (Sea) and James C. Butters (Sea) are declared deserters, having been absent from the ship two days without leave. Picked up dredge. Banked fires in two boilers. Average steam pressure 35 lbs. Temp of bunkers 86°. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Cloudy, warm. Moderate breeze from N. Carried out kedge astern, with stream chain. Fires banked in two boilers. Average steam pressure 30 lbs. Temp of bunkers 86°. Distilling.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Cloudy. Warm. Moderate breeze from N. At 6, veered 45 fathom shackle, port chain, forward bitts. Took in stem fast. Banked fires in two boilers. Average steam pressure 30 lbs. Temp of bunkers 100°. Distilling.

(Signed) Richard G Davenport Lieut.

From 8 to Midnight. Clear and pleasant first part of watch. At 11 had a light squall from N, the wind freshening to strong breeze N. by W. Veered to sixty fathoms on both chains. Bent sheet chain. Steam in two boilers. Average pressure 33 lbs. Temp of bunkers 90°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

				WIND	S.		BAROME	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
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1				N by W	5-7		30.16	76 "	76	73		bcqs	Nimb	1		
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3				"	4-6			"	"	u			"	8		
4												bcq "	u			
5				NNW	4-5		30.14	77	75 "	74 "		u	Cir	7		
6					4		30.16						Cum			
7				"	5		30.18	"		u				"		
8							30.20			"		u	"			
9					5-6 "		30.22	74 "	75 "	73				4		
10					"		30.24		"	74 "				6		
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Water	remainii	ng on	hand fit for	me at Noon	ı									1540) "	
Coal c	onsume	d durii	ng the pred	ceding 24 ho	urs							1	tons	1550	lbs.	
Coal re	emainin	g on h	and at Noo	n								116	44	2130	"	
PM													0			
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4				u	u	;	30.14	ш	"	u		u	ш	"		
5				NNW	3-4	;	30.16	u	75	u		oq	ш	0		
6				N by W	u	;	30.17	u	74	u		bcq	ш	2		
7				u	4-5	;	30.18	"	"	u		"	66	3		
8				u	4		44	"	"	u		bc	66	7		
9				NW by N	3		44	u	75	74		u	66	u		
10				"	2	;	30.20	"	"	u		"	ш	u		
11				u	1		30.18	"	"	u		"	es	u		
Mid.				Calm	"			"	"	u		"	ш	"		
Longit	ude by 0	Chrono	meter fror	n Afternoon	Observat	tions ⊕						0		4	44	
Longit	ude by 0	Chrono	meter Ob	servations]			0			и	
Variati	on of the	e Com	pass by A	mplitude			ob	served	at Suns	et		0			ш	
Variati	on of the	e Com	pass by					at				0			u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Pleasant. Fresh N.W[ester]ly wind, with heavy gusts from N. Cumulus nimbus clouds. Roused up 45 fathoms sheet chain, unshackled and secured end around fore mast. 12.20 let go spare bower, veered to 15 fathoms chain. 12.30 counter braced yards. Banked fires in two boilers. Distilling. Temp of bunkers 80°. Average steam pressure 20 lbs. Much heat lightening visible around horizon.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant weather, with wind fresh in squalls from N.N.W. Sea moderate. Fires banked in two boilers. Average steam pressure 30 lbs. Temp of bunker 100°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Cloudy. Squally. Strong breeze from N.W. At 10, Commanding Officer inspected ship and crew at quarters. Afterwards held Divine Service. Fires banked in two boilers. Average steam pressure 25 lbs. Temp of bunkers 90°. Distilling. Port anchor bouy [buoy] came unbent and drifted astern.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Cloudy, with passing showers of rain first half of watch. Wind fresh in squalls from North. Fires banked in two boilers. Average steam pressure 35 lbs. Temp of bunkers 90°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Cloudy. Wind fresh from N. by W. Fires banked in two boilers. Average steam pressure 30 lbs. Temp of bunkers 90°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and pleasant, with light breeze from N.W. and calm. At 9.20 moon set. Fires banked in two boilers. Average steam pressure 30 lbs. Temp of bunkers 90°. Distilling.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

				WINDS	S.		BAROM	ETER.	Т	EMPERAT	URE.	04-4-	F		04-4-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	-	_										J.				
A,M					4.0		00.00			70			Cum			
1				W	1-2		30.20	74	74	73		bc	Nimb	3		
2				W by N	0-1		30.18	u	"	ш		"	и	4		
3				ш	и		ш	"	и	"		ш	и	2		
4				N	1		66	73	73	72		0	и	0		
5				N by W	и		30.15	u	74	73		и	и	1		
6				u	"		ш	74	ш	"		bc	ш	2		
7				u	и		ш	ш	и	ш		ш	"	5		
8				" NE by	2		и	u	75	74		ш				
9				NE by N	1		30.14	75	76	75		"	ш	6		
10				æ	2		30.12	u	"	"		"	Cir Cum	7		
11				ee	и		44	u	44	ш		44	"	u		
Noon				и	"		и	76	77	"		"	ш	8		
-																
Distance	e run b	y Log :	since prece	eding Noon							ı	nots		fathoms.		
Latitude	by D.	R. at N	Noon									0		•	"	
Longitud	de by D). R. at	t Noon									0		•	"	
			ions at No	on ⊕								0			"	
Longitud	de by C	hrono	meter from	n Forenoon (Observa	tions (€					0		•	"	
Current	during	the tin	ne	knots	8		fms. per l	nour, se	tting to	the						
Variatio	n of the	Com	pass by Ar	nplitude ⊕ o	bserved	at Su	nrise					0		u	u	
Variatio	n of the	Com	pass by Az	zimuth ⊕ obs	served a	t						0		u	u	
Water e	xpende	ed duri	ing the pre	ceding 24 ho	ours									245 g	allons	
Water	C	onden	sed		during	the p	receding	24 hour	s					730	"	
Water re	emainir	ng on h	nand fit for	me at Noon										2000	"	
Coal co	nsume	d durir	ng the prec	eding 24 ho	urs							1	tons	895	lbs.	
Coal rer	maining	on ha	and at Noo	n								116	44	1225	"	
PM																
1				ENE	3		30.06	76	77	75		bc	Cir Cum	8		
2				ш	и		30.02	u	44	76		ш	u	9		
3				æ	4		30.00	u	"	"		"	ш	u		
4				æ	и		**	u	"	"		"	ш	u		
5				E by N	и		29.94	77	78	76		"	ш	7		
6				æ	и		29.94	76	77	"		"	ш	8		
7				æ	и		**	u	"	"		"	ш	u		
8				ш	u		"	"	"	"		"	и	"		
9				E	и		30.00	u	"	"		"	None	10		
10				æ	3		**	u	"	"		"	Cum	7		
11				SE by	и		и	ш	и	"		ш	ш	6		
Mid				E "	2		30.01	ш	76	"		ш	ш	9		
					2		30.01		70					Э		
Longit	do bu o	hron-	motor fra	Afternas	Ohoon :-	tions :	n					0			"	
				Afternoon	observa	แบทร	IJ					0		,		
-			meter Obs]			0			-	
			pass by Ar	nplitude			ob		at Suns	et		0				
Variatio	ii or the	: Com	pass by					at				-			-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy but pleasant, with light airs from W. Fires banked in two boilers. Average steam pressure 30 lbs. Temp of bunkers 100°. Distilling.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Pleasant weather. Light N[orther]ly airs. Hove up and catted sheet anchor. Hove in to 45 fathoms on port chain, and in to 30 fathoms on starboard chain. Veered to 60 fathoms, at waters edge, on stream chain.

(Signed) J. T. Sullivan Lieut.

From 8 to Merid. Clear and pleasant weather, light wind from N and NE. At 9.40 went to General Quarters, divisions reporting ready as follows, Viz. Navigators Div 1 m 50 sec. 1st Div 5 m. 2nd Div 2 m 30 sec. Powder Div 4 m. Engineers Div 1 m 20 sec. Secured at 10.20. At 10.50 loosed sail to a bowline. Fires banked in two boilers. Steam 30 lbs. Temp of bunkers 90°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Clear and pleasant. Fresh breeze from E.N.E. Shortened sail at 1.30. Furled sail at 3.30. Fires banked in two boilers. Average steam pressure 30 lbs. Temp of bunkers 94°. Distilling. Barometer falling.

(Signed) J. T. Sullivan Lieut.

From 4 to 8 P.M. Clear and pleasant, with fresh breeze from E. by N. At sunset sent down topgallant masts. R. J. Hamilton (O.S. 2 C.) jumped from 2nd cutter, while ashore on duty, and ran. Fires banked in two boilers. Average steam 30 lbs. Temp of bunkers 94° Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant, light breeze from S and E. At 11 h[our] 04 m[inutes] 15 sec[onds] sounded call to General Quarters. Engineer Div reported ready in 6 m 38 sec. Marine Guard in 8 m 45 sec. Surgeons Div in 9 m 25 sec. Masters Div 9 m 45 sec. Powder Div 9 m 45 sec. 2nd Div 11 m 30 sec. 1st Div 11 m 30 sec. Average pressure 45 lbs. Temp of bunkers 95°. Distilling.

(Signed) J. T. Sullivan Lieut.

Asa Walker, Lieut.
Navigator.

				WIND	S.		BAROME	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	∡	Œ.										S.		E 07		
A,M				0-1	0		00.00	7.5	70	75		h	Cir	-		
1				Calm	0		30.00	75 "	76	75 "		bcw "	Cum	7		
2				S "	1		29.98	u	"			"	"	5		
3					"		30.00			74 "			"			
4				SW	u		ш	"	74	и		ho	Cir Str	6		
5 6					"		29.98	u	"	ш		bc "	Cir Str	6 5		
7				и	"		49.90	u	"	и		"	"	"		
8				Calm	0		29.97	u	76	75		44	Cir	8		
							29.91 "					"	Cum "	"		
9				E by N	2			77 "	78 "	76		"				
10				ш	u		29.96	u		77		"	ш	7		
11 Noon				и	3		29.95 29.94	"	77 "	78 79		"	"	8 9		
•					3		29.94			19				9		
Distance	run by	y Log	since prec	eding Noon							k	nots		fathoms.		
Latitude												0			и	
Longitud	le by D). R. a	t Noon									0	,		и	
Latitude	by Obs	servat	ions at No	on ⊕								0			и	
Longitud	le by C	hrono	meter fron	Forenoon	Observat	tions (Ð					0	,		u	
Current	during	the tir	ne	knot	S	1	ms. per h	nour, se	tting to t	the						
Variation	of the	Com	pass by Ar	mplitude ⊕ c	bserved	at Su	nrise					0	4		и	
Variation	of the	Com	pass by Az	zimuth ⊕ ob	served at	t						0		ı	и	
Water ex	xpende	ed duri	ing the pre	ceding 24 h	ours									244 g	allons	
Water	Co	onden	sed		during	the p	receding	24 hour	S					730	"	
Water re	emainin	ng on I	hand fit for	me at Noor	1									2500	"	
				eding 24 ho	ours								tons	425	lbs.	
Coal ren	naining	on ha	and at Noo	n								116	ш	740	и	
PM																
				E by N	2		20.02	70	70	77		ho	Cir	0		
1				E by N	3		29.92	78 "	79 "	77		bc "	Cum	8		
2					"		29.87			u						
3				u	"		29.86	"	80	u		u		"		
4 5				E by S	u		29.85 29.84	"	79	u		ш	и	7		
6				≝ by 3	"		29.85	"	"	ш		44	"	4		
				ш	"			77	70	"		h -1	Cum			
7							29.86	77 "	78 "	и		bcl "	Nimb "	1		
8				Calm	0		29.90			u		u		5		
9				WSW "	0-1 "		"	78 "	44	и		ш	Cum "	7		
10							"	"	"	и		u	"	9		
11 Mid				Calm	0		и	e.				u	"	8		
				WSW	1		-	-	-	78		-		-		
1 2		N			Oh-	··						0			"	
-	-			n Afternoon	∪bservat	uons (Ð					0		,		
-	-		meter Obs						at Cuma			0		,		
			pass by Ar	nplitude			Ob		at Suns	eí		0		ı		
Variation	ı oı tne	com	pass Dy					at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, with light airs from South. 12.30 stopped distiller, and at 2 hauled fires. Average steam pressure 30 lbs. Temp of bunkers 94°

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Weather warm. Light airs from S and W. Moderate swell setting to the S and W. At 8, sent up topgallant masts and crossed topgallant and royal yards. Temp of bunkers 93°.

(Signed) J. K. Cogswell

Lieut.

From 8 to Merid. Clear and pleasant. Light breeze from E. by N. At 9.15 inspected crew at quarters. At 9.45 had company drill, and afterwards Drill Parade. Quarterly Board of Survey condemned and threw overboard one can of preserved meat. Temp of bunkers 83°.

(Signed) J. T. Sullivan Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from the E. Temp of bunkers 82°. Carpenters engaged in repairing gig.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear, warm and pleasant. Light breeze from E by S. Calm latter part of watch. At sun down sent down topgallant and royal yards and topgallant masts. W. H. Holmes (Lds) stood two hours extra watch, with lashed hammock, by order of Commanding Officer. Lightening in horizon to S. Temp of bunkers 80°.

(Signed) J. T. Sullivan Lieut.

From 8 to Midnight. Clear, calm and pleasant. Occasional light airs from S and W. Barometer steady. Temp of bunkers 80°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

			WIN		BAROMETER.			EMPERAT	URE.	04-4-	F		01-1-			
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	조	Ē.										S.		ω.		
A,M																
1				W	1-2		29.92	76	76	75		bc	Cum Cum	4		
2				44	1		ш	"	u	"		u	Nimb	7		
3				S by W	u		ш	75	75	74		u	ш	4		
4				Calm	0		ш	ш	и	75		u	Str	9		
5				ш	"		29.94	"	u	"		f		10		
6				ш	u		29.95	u	"	u		u		"		
7				ш	"		29.96	u	"	"		u		u		
8				ш	ш		29.97	u	76	76		u		u		
9				"	u		29.99	u	"	u		of	Nimb	0		
10				ш	u		30.00	76	78	u		bcm	Cir Cum	4		
11				N	1-2		ш	"	79	77		bc	u	"		
Noon				u	2		30.01	77	и	"		u	u	5		
Distance	e run b	y Log	since prec	eding Noor	ı						kı	nots		fathoms		
Latitude	by D.	R. at N	Noon									0		•	u	
Longitud	de by D). R. at	t Noon									0		•	u	
Latitude	by Ob	servat	ions at No	on ⊕								0		•	u	
Longitud	de by C	Chrono	meter fron	n Forenoon	Observa	tions ⊕)					0			"	
Current	during	the tin	ne	kno	ts	fr	ms. per l	nour, se	tting to	the						
				mplitude ⊕			rise					0		и	ш	
Variation of the Compass by Azimuth ⊕ observed at												0		и	"	
	xpende	ed duri	ing the pre	ceding 24 I										258 (gallons	
Water					-	the pre	eceding	24 hour	s						и	
				me at Noo										224		
				eding 24 h	ours								tons	1495	lbs.	
Coal ren	naining	on ha	and at Noo	n								115	ш	1485	"	
514																
PM													Cir			
1				N	3		29.99	77	79	78		ОС	Cum	6		
2				N by E	u		29.97	78	80	u	٠		"	5		
3				NNE "				"		"						
4																
5 6							00.00		79	77						
J				"	2.5		29.98	u	78 "	76 "			"	u		
7				"	2-5 3		30.00	79	44	"			Cum	u		
8 9				и	2			79 77	77	75	4		"	"		
9 10				"	۷		30.05 30.07	"	77	75 "			"	u		
11				u	и		30.07	76	и	76	4		Cir Str	9		
Mid.				u	и		"	"	ш	"			"	"		
wiid.																
Longitude by Chronometer from Afternoon Observations ⊕ °														4	и	
			meter Obs			0			1			0		4	u	
-			pass by Ar				oh	served	ر at Suns			0			"	
Variation								at				0		4	и	
			•													

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from S and W. Heavy dew. Temp of bunkers 80°.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Foggy. Warm. Light S[outher]ly wind. At 8 sent up topgallant masts, crossed light yards. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Calm and foggy first part of watch, clear and warm latter part. Light breeze from N. Inspected at quarters at 9.30 and exercised at great guns. Sold the clothing of two deserters at auction.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light breeze from S and E. Sent a reward of ten dollars ashore, for the arrest and delivery aboard of R. J. Hamilton (O.S.2nd C.) absent without leave. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from N and E. At sunset sent down topgallant masts and light yards. Temp of bunkers 78°. Bright moonlight.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Light breeze from N.N.E. Cumulus clouds passing to S. Bright moonlight. Temp of bunkers 82°

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

			WINDS	S.	BAROM	ETER.	Т	EMPERAT	URE.	State	Forms of		State	
Hour.	ø	Courses steered.	Direction.	Force.	Height in inches.	Ther.	Air	Air	Water	of the Weath	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is
Knots.	Fathoms.				in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	er by symbol s.		Prop. o Sky, ir	Sea.	under at end of watch.
A,M 1			NNE	1-2	30.09	76	76	76		bc	Cum	9		
2			"	"	30.03	75	75	74		"	"	7		
3			ш	2	"	"	"	75		"	"	"		
4			66	"	и	"	73	74		"	"	"		
5			ш	"	30.08	"	"	"		и	"	"		
6			es .	u	30.09	"	"	u		"	"	"		
7			66	"	и	"	"	"		"	ш	"		
8			ш	u	и	"	u	u		"	"	"		
9			N	1	30.11	75	76	75		u	Cir Cum	8		
10			NNE	2	30.09	76	78	77		и	"	"		
11			NE	u	30.06	78	80	79		"	"	9		
Noon			ENE	"	30.05	"	81	u		"	ш	"		
•														
Distance ru	n by Log	since prec	eding Noon						k	nots		fathoms.		
Latitude by	D. R. at	Noon								0		ı	u	
Longitude b	y D. R. a	at Noon								0	•		и	
Latitude by	Observa	ations at No	on ⊕							0		ı	u	
Longitude b	y Chron	ometer fron	n Forenoon (Observati	ions ⊕					0			и	
Current dur	-		knots		fms. per l	nour, se	etting to	the						
			mplitude ⊕ o							0			u	
			zimuth ⊕ obs							Ü				
	ended du	ring the pre	ceding 24 ho		41	04 5						350 g	allons "	
Water		hand fit for	ma at Naan		the preceding	24 noui	rs					1000		
	-		me at Noon								tons	1896 275	lbs.	
Coal remain			eding 24 ho	uis						115	"	1210	ibs. "	
Courteman	illing oil i	idiid di 1400								110		1210		
PM														
1			ENE	2	30.02	78	81	78		bc	Cum	8		
2			44	3	29.99	"	79	77		44	Cir	7		
3			Е	"	29.96	"	"	"		ш	Cum "	"		
4			44	"	и	"	78	76		44	"	8		
5			ш	"	29.95	"	"	77			ш	"		
6			"	"	29.94	77	"	76			ш	"		
7			44	"	и	"	u	u		44	Cir Str	9		
8			ш	"	и	"	"	"			ш	"		
9			E by S	44	29.98	"	"	u			Cum	6		
10			ű	44	и	"	44	u		u	Cir Cum	8		
11			"	"	и	"	"	u		ш	"	6		
Mid.			ESE	"	и	"	"	u		ш	ш	7		
Longitude b	y Chron	ometer fron	n Afternoon (Observat	ions ⊕					0			u	
Longitude b	y Chron	ometer Obs	servations]			0		4	"	
Variation of	the Con	npass by Aı	mplitude		ob	served	at Suns	et		0		4	"	
Variation of	the Con	npass by				at				0		•	ш	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from N and E, shifting during last two hours to W. Heavy dew. Temp of bunkers 80°.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant, with light airs from W. At 6.15, American Mail Steamer, City of "Muisla", came in and anchored. Temp of bunkers 80°.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Merid. Clear. Warm. Light breeze from N, shifting to E. At 9.30 inspected at quarters. Exercised 1st and 2nd Divisions single sticks. Marines, small arms. Rifle gun's crew, signals. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant, with light breeze from E. Barometer falling slowly. Temp of bunkers 80°.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear. Pleasant. Moderate breeze from E, Cir Cum clouds. At sundown sent down light yards and topgallant masts. Temp of bunkers 78°. By order of Commanding Officer, Herman Meyer (1st C.B.) stood 1 h[our] 20 m[inutes] on quarter deck.

(Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant. Moderate breeze from S and E. Barometer steady.

(Signed) Wainwright Kellogg
Lieut.

Asa Walker, Lieut. Navigator.

		WINDS	S.	BAROM	ETER.	TEMPERATU		URE. State		Forms of		State	
Hour.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	_												
A,M		CCW	4	20.06	76	76	75		ha	Cir	4		
1		SSW	1	29.96	76 "	76	75 "		bc "	Cum "	4		
2			2	29.94	"		"				8		
3		u	"	29.93			"				9		
4 5		SSE	"	29.92	71	72	71		u	и	6		
6		33E "	"	29.9Z "	/ I	"	"		u	ш	5		
		C hu E	"	20.04	и	"	u		u	Cum			
7		S by E	ш	29.94	и	u	u		u	Nimb "	3		
8		ш	3							u	4 6		
9 10		SSE	2	29.96 29.95	76 "	76	74 76		u	Cum	9		
			<u>د</u> «		ш		"		u	Cum Cir			
11 Noon		E by S		29.93		78				Cum	3		
·		ш	3	29.88	и	79	и		u	Cum	8		
Distance was buy									4-		£-41		
Distance run by		recealing Noon						K	nots		fathoms		
Latitude by D. R									0	,		"	
Longitude by D. Latitude by Obs		Noon 🕾							0			"	
Longitude by Ch			Ohservat	ions ⊕					0			"	
Current during to		knots		fms. per l	nour, se	ttina to	the						
Variation of the					,	9			0			"	
Variation of the									0			"	
Water expended									257 c	allons			
Water				the preceding	24 hour	s						u	
Water remaining	g on hand fit	for me at Noon									1639	"	
Coal consumed	during the p	receding 24 ho	urs							tons	275	lbs.	
Coal remaining	on hand at N	loon							115	"	935	u	
PM													
1		S	3	29.84	77	79	76		ос	Cum	9		
2		и	4	29.80	и	и	77			и	"		
3		u	**	29.78	u	и	и	•		и	"		
4		E by N	"	29.76	ű	"	"			Str Cir	"		
5		u	"	29.78	76	и	76	4	•	Cum	8		
6		"	"	29.76	77	и	u		•	u	9		
7		E by S	ш	29.78	78	79	ш	4		и	8		
8		ENE	"	29.79	и	78	"	4		ш	9		
9		"	ш	и	77	79	78	•	•	и	"		
10		Calm	0	29.80	78	78	77	6		Cir	"		
11		W "	1	u	75	77	76 "			Cum	"		
Mid.		и	"	и	76	"	"	•			"		
Langibuda bu O		nama Afterna	` har-∵'	liana 🕜					0				
Longitude by Ch			Joservat	IIUNS 🕁			ı		0				
Longitude by Ch					·	at Cuma			0				
Variation of the				ob		at Suns	et		0				
Variation of the	Compass by				at				-				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Pleasant. Light S.S.W[ester]ly airs. Moon set at 1.50. Starlight. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Cloudy but pleasant, with light breeze from S and E. Temp of bunkers 80°. Ed. P. Burke W.O.S. absent from the ship without leave, not having returned in the market boat.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant. Light breeze from S and E. At 9.30 inspected at quarters. At 9.55 exercised at fire quarters. Engaged in scraping spars. Oiled all hide rope.

(Signed) Wainwright Kellogg

Lieut.

From Merid. to 4 P.M. Clear and pleasant. Moderate breeze from E. Temp of bunkers 80°. Barometer falling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from S and E, shifting to N and E. Steady at end of watch. Herman Meyer (1st C.B.) stood two hours extra watch on quarter deck. Temp of bunkers 78°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and pleasant weather, with light variable airs and calms. Temp of bunkers 78°.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

			WINDS	S.	В	BAROME		Т	TEMPERATURE.		State	Forms of	٠.	State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	ight n nes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol s.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
A,M	_														
1			Colm	0	20	90	75	76	75		ho	Cir	0		
			Calm "	"	29.	00	"	"	"		bc "	Cum	9		
2				"					"						
3			N. In 14/						"						
4			N by W	1			"		u			u			
5			NW "	2	и		"	u	u		и	u	7		
6 7			ш	и	29.	04	"	44	u		4	ш	3 2		
8			N by W	"	29 .	01	76	77	ш		ос	ш	0		
9			"	ш	29.	82	75	76	и		"	ш	"		
10			ш	ш	29.		76	77	76		u	ш	"		
11			ш	ш	29.		77	79	78		u	ш	"		
Noon			ш	ш	<u> </u>	00	78	80	"		u	ш	1		
							70	00							
Distance rur	n by Log	since prece	eding Noon							k	nots		fathoms		
Latitude by I	D. R. at	Noon	•								0			u	
Longitude by	y D. R. a	at Noon									0			u	
Latitude by	Observa	tions at No	on ⊕								0			u	
Longitude by	y Chron	ometer from	n Forenoon (Observati	ons ⊕						0			"	
Current duri	ing the ti	me	knots	;	fms.	per h	our, se	tting to	the						
Variation of	the Con	npass by Ar	nplitude ⊕ ol	bserved a	at Sunrise	:					0			u	
Variation of	the Con	pass by Az	zimuth ⊕ obs	erved at							0			u	
Water exper	nded du	ring the pre	ceding 24 ho	ours									251 (gallons	
Water				during	the prece	ding 2	24 hour	s						"	
Water remai	ining on	hand fit for	me at Noon										1388	3 "	
Coal consur	ned duri	ng the prec	eding 24 hou	urs							2	tons	355	lbs.	
Coal remain	ing on h	and at Noo	n								113	u	80	"	
PM											Cir				
1			N by W	4	29	85	79	81	79		Cum	bc	2		
2			ш	5-6	29	82	"	"	78		44	oqu	"		
3			"	7-8	29.	83	78	79	77		44	ш	1		
4			"	ш	29.	84	"	77	75		4	ш	и		
5			NNW	ш	29.	90	76	76	74			ш	0		
6			"	ш	29.		75	75	"			ш	"		
7			ш	5-7		00	74	74	и		44	oqf	"		
8			ш	"		04	u	u	73		44	ш	"		
9			ш	8		80	73	73	72		44	ш	"		
10			и	ш		12	"	"	ш		44	bcg	2		
11			u .	"			"	72	71			u	4		
Mid.			и	8-9	ш		72	71	70		4	ш	0		
1 2 1 1	01			Ob "							0				
Longitude by				Joservati	ions ⊕			_			0	,			
Longitude by]			0				
Variation of			nplitude			obs		at Suns	et		0			"	
Variation of	tne Com	ipass by					at				·		-	-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Calm. Temp of bunkers 80°.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 A.M. Overcast and misty. Light airs from N.W. Sea smooth. Temp of bunkers 78°.

(Signed) J. K. Cogswell Lieut.

From 8 to Merid. Overcast and pleasant. Light breezed from N. by W. Temp of bunkers 78°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Weather clear first part, with fresh breeze from N. Barometer falling. At 1.30 wind increased rapidly until it blew a strong gale from N.N.W. Overcast and thick threatening weather. Let go sheet anchor and veered to 90 fathoms on each bower and 45 fathoms on sheet chain. Started fire under four boilers at 3. Counter braced yards and secured sails. Sea rough. Squally. At 3.30. Barometer commenced to rise.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Overcast, with occasional passing showers of rain. Moderate gale, fresh in squalls from N.N.W. At 6 banked fires four boilers and started distiller. Sent down topgallant masts. Carried stern fast forward and hove in slack. Average steam pressure 55 lbs. Temp of bunkers 90°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Fresh gale from the N. Moonlight. Wind blowing in strong squalls. Scud passing to S. Sea rough. Barometer rising. Distiller in operation. Temp of bunkers 92°. Steam pressure 54 lbs. Ship rolling moderately. Maximum roll 8° starboard and 7° port.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

			WIND	S.	BAROMETER.			Т	EMPERAT	URE.	State	Forms of		Ctoto		
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.	Leeway.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	ž	Fat										S.		2.2		
A,M													Cum			
1				NNW	6-9		30.12	73	72	70		ocq	Cum Nimb	0	R	
2				"	5-8		и	"	73	u		"	Cum	"	u	
3				ш	и		ш	u	u	ш		"	"	ш	u	
4				ш	7-9		ш	и	74	69		"	" O:-	ш	44	
5				и	66		30.14	72	73	u		oq	Cir Cum Nimb	u	и	
6				ш	**		30.20	"	"	и		44	ш	u	44	
7				"	6-8		30.21	73	74	u		"	и	"	44	
8				ш	44		30.25	"	"	"		44		"	"	
9				"	u		30.27	"	73	u		bcq	Cir Cum	1	u	
10				"	6-7		30.28	"	74	70		"	и	"	"	
11				u	5-7		ш	74	75	ш		44	ш	2	u	
Noon				"	44		ш	"	"	71		44	u	5	"	
				ceding Noon							ŀ	nots °		fathoms		
	de by D.											0			"	
_	ude by [0				
			itions at N		Ohaaniat	:ana (0				
_				m Forenoon			ms. per l		Hina to 1	lla a						
	nt during			knot mplitude ⊕ (ioui, se	ung to i	uie		0		u	"	
				zimuth ⊕ ob			11130					0		u	"	
				eceding 24 h										251 (gallons	
Water		Conde	-	5554g		the pi	receding	24 hour	s					300		
				r me at Nooi	_		3							143		
		-		ceding 24 ho								2	tons	1855	lbs.	
Coal r	emainin	g on h	and at No	on								110	44	475	"	
PM																
1				N	5-7		30.28	75	75	72		bcq	Cir Cum	2	R	
2				ш	u		30.25	u	u	ш		"	u	3	u	
3				u	u		30.24	74	74	71		ш	"	4	"	
4				u	4-6		ш	"	44	"		"	и	5	44	
5				и	4		30.22	"	44	70		ш	"	4	"	
6				и	3		ш	"	73	71		bc	и	5		
7				ű	2-3		30.24	73	"	72		u	и	6		
8				и	1-2		ш	u	44	"		ш	"	8		
9				и	u		30.27	72	"	70		ш	"	9		
10				u	2-3		30.26	"		"						
11					1-2		30.25							3		
Mid.				WNW												
l ancii	udo bu (hran	omotor fr-	m Afternas -	Obossis	ions						0			"	
				m Afternoon	Observat	10115	D		,			0			и	
_			ometer Ob opass by A	servations			ch	served a	at Suns	ot .		0			и	
			ipass by A	piituue			OD	at	at JuliSi	C.		0		,	и	
vandl	ion or the	COII	ipass by					aı								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Blowing a moderate gale from N.N.W, very fresh in squalls. Turning engine ahead at intervals, first hour. Barometer steady, sea rough. Ship rolling through an arc of 5° to 10°. Temp of bunkers 100°. Fires banked in four boilers. Steam 55 lbs. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Overcast. Pleasant. Blowing fresh gale with heavy gusts from N.N.W. Cir Cum Nimb clouds. Moderate sea. Banked fire in four boilers. Average steam pressure 55 lbs. Temp of bunkers 95°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Cloudy, pleasant. Strong breeze from N.N.W. Squally – sea rough. Ship steady. At 9.30 inspected at quarters. Held Divine Service. Temp of bunkers 100°. Steam pressure 54°. Distilling.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Cloudy. Warm. Strong wind with squalls from N. At 12.50 U.S. Mail Steamer "City of Mexico", came in and anchored on port beam. Made signal, International code, answered in Maryatti code which we have not. At 2.15 sent boat to her. Banked fires in four boilers. Average steam pressure 50 lbs. Temp of bunkers 80°. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Pleasant weather. Moderate breeze from N decreasing. At 5.30, hove up, catted and filed sheet anchor and hove in to 45 fathoms on the bower. Temp of bunkers 84°. Steam pressure 28 lbs. Mail steamer steamed up to Vera Cruz.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Bright moonlight. Light airs from N. Banked fires in four boilers. Average steam pressure 25 lbs. Temp of bunkers 84°. Distilling.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut.

Navigator.

			WIND	S.	BAROMETER.			EMPERAT	URE.	RE. State			State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
ž	Ľ.									S.		ω.		
A,M											Cir			
1			WNW	1-2	30.25	70	71	69		bc	Cum	6		
2			ш	"	u	"	68	67		ш	"	3		
3			W	"	30.24		"	"		ш	ш	2		
4			и	и	u	"	44	u		44	u	u		
5			и	"	30.22	и	44	68		"	и	9		
6			ш	"	u	70	70	u		и	u	"		
7			"	u	u	"	"	u		и	"	"		
8			ш	44	ш	и	44	70		и	ш	"		
9			NW	u	ш	71	72	"		и	и	ű		
10			N	ű	30.23		74	71		"	ű	ű		
11			NE	u	30.25		77	72		и	и	ű		
Noon ·			E	u	30.24	75	78	73		и	"	"		
Dietopos run	a by Log	oinoo nroo	odina Noon						L	nots		fathoms.		
Distance rur Latitude by I			ealing Noon							0		,		
Longitude by										0		,	"	
Latitude by			on ⊕							0		,	"	
Longitude by				Ohean/at	ions 🕀					0		4	"	
Current duri			knot			r hour, se	atting to	the						
Variation of	-					i iloui, se	zuing to	uic		0		u	"	
Variation of										0		"	"	
Water exper												251 c	allons	
Water	Conder	-			the precedin	a 24 hou				730				
Water remai			me at Noor	_		3						1916		
Coal consun										2	tons	1755	lbs.	
Coal remain										107	44	980	u	
	Ü													
PM														
1			ENE	1-2	30.21	76	77	73		bc	Cir Cum	9		
2			NE	3	30.18	"	76	72			"	8		
3			"	"	30.17	"	"	"			"	9		
4			NE by	"	30.15	75	"	"		44	и	"		
5			E "	u	30.14		"	u			u	u		
6			"	2	30.15		74	u			u	u		
7			"	<u>-</u>	30.16		"	u			u	u		
8			Е	3	"	u	"	u			u	u		
9			E by	2	30.20	"	"	и		44	ш	u		
			N		30.20 "	"	u	"		ш		"		
10			WSW	0-1				"		u	cir			
11			SW "	1	30.19		72	"		"	None "	10		
Mid.			=	0-1		74	74	-			-	-		
Longitude by	v Chrone	ometer from	n Afternoon	Ohservat	ions ⊕					0		4	"	
Longitude by	•			JUGGI VAI]	ı		0			u	
Variation of	•					observed				0			ш	
Variation of					•	at	Juilo			0			u	
	00111					at								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Partially overcast and pleasant. Light breeze from N and W. Ship rolling through an arc of about 5°. Fires banked under four boilers. Average steam 25 lbs. Temp of bunkers 90°. Distilling.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Clear and pleasant, with light airs from W. Hove up, catted and fished starboard anchor. Hauled in steam chain and lifted stream anchor, hung it over stern. At 8 fidded topgallant masts.

(Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear. Warm. Light airs from N and W. At 9, hove short. At 9.55 steam reported ready. At 10, got underway and stood in towards city. Draught of water forward 13 ft 10 in, Amidships 14 ft 10 in, Aft 15 ft 6 in. At 10.45 came to and moored ship with 30 fathoms chain each anchor, in 6 fathoms water. Bearings at anchor. S.W. Point Gallegvilla Reef (pc) N 1/4 W. S.W. bastion of Castle W. by S. Ships head E. by N. Ship rolling heavily 15°. Banked fires in four boilers. Steam pressure 55 lbs. Temp of bunkers 100°. Distilling.

(Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear, pleasant, with light breeze from N and E. At 1, hove up both bowers and got underway. At 2, came to with starboard bower and veered to 15 fathoms. At 2.30, hove up starboard bower and got underway. At 3 came to with port bower and veered to 30 fathoms. S.W. point Gallegvilla Reef bore N. S.W. bastion of Castle bore W 1/2 S. Bent hawser to steam anchor, carried it out and let go anchor S.E. from ship. Banked fires in four boilers at end of watch. Distilling.

(Signed) Wainwright Kellogg Lieut.

From 4 to 8 P.M. Clear. Warm. Light N.E. by E breeze. At sundown, sent down topgallant masts. Herman Meyer (1st C.B.) stood 1 1/4 hours extra watch, by order of Commanding Officer. Banked fires in four boilers. Average steam pressure 20 lbs. Temp of bunkers 98°. Distilling. (Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant, with light variable airs. Bright moonlight. Banked fires in four boilers. Steam 20 lbs. Temp of bunkers 98°.

(Signed) Wainwright Kellogg Lieut.

Asa Walker, Lieut.
Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns, Vera Cruz, Mexico

				WINDS	i.	E	AROMETI	ER.	Т	EMPERAT	URE.	04-4-	F		04-4-	
Hour.	Knots.	Fathoms.	Courses steered.	Direction.	Force.		ight n nes.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
	조	E										S.		E 07		
A,M													Cir			
1				W	2	30		70	69	68		bc	Cum	9		
2				u	u	30		69	70	и		"	"	"		
3				и	u	30	16	68	68 "	66 "		"	u	"		
4					"		1.1									
5				WSW "	и	30		66	65 "	64		,,	None Cir	10		
6						30				65			Cum	9		
7				W by S	u	30	16	67	67	66		"	"	"		
8							10		69	67						
9				SSE	1-2	30		70 "	72	70			Cum "			
10				SE by E	"	30			74 75	72 "		u	"	u		
11 Noon				ESE	"	30		72	75 "			и	Cir	"		
				E by S		30	.10	75	-	75		-	Cum			
Distance	e run b	y Log	since pre	ceding Noon							k	nots		fathoms.		
Latitude	by D.	R. at	Noon									0			"	
Longitud	de by D). R. a	at Noon									0			"	
Latitude	by Ob	serva	itions at N	oon ⊕								0		•	u	
Longitud	de by C	hron	ometer fro	m Forenoon	Observa	tions ⊕						0			"	
Current	during	the ti	me	knots	3	fms.	per ho	ur, se	tting to	the						
Variation	n of the	Con	npass by A	Amplitude ⊕ o	bserved	at Sunrise	:					0		и	u	
Variation	n of the	Con	npass by A	Azimuth ⊕ obs	served a	t						0			"	
			-	eceding 24 h	ours										allons	
Water		onde			_	the prece	ding 24	4 hour	s					730		
				r me at Noon										2401		
				ceding 24 ho	urs							2	tons	635	lbs.	
Coal ren	naining	on h	and at No	on								105		345		
PM													Cir			
1				E by S	2	30	00	73	75	73		bc	Cir Cum	9		
2				"	3	ш		74	"	u			"	u		
3				E	"	ш		75	76	u			"	u		
4				E by N	ш	29	98	ш	u	ш		44	u	ш		
5				Е	ш	30	00	ш	44	72		44	Cum	ш		
6				"	"	и		74	75	73			"	"		
7				ESE	4	30	01	ш	44	и		ш	Cir Str	8		
8				E by S	"	30	02	"	"	u		ш	Cir Cum	9		
9				"	"	30	01	u	"	u			"	u		
10				SE by E	"	30	02	u	"	u		44	и	7		
11				u u	3	и		u	u	u		u	ш	u		
Mid.				W	2	30	03	73	74	"		ш	ш	4		
Longitus	te hv C	:hron	ometer fro	m Afternoon	Ohsenia	tions 🕾						0			"	
-				servations	_ 2001 10				1	l		0		4	"	
-			npass by A				nhse	erved	ر at Suns			0			"	
			npass by A				2030	at				0			"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Light S.W[ester]ly breeze. Cir Cum clouds. Ship rolling easily. Bright moonlight. Banked fires in four boilers. Temp of bunkers 100°. Average steam pressure 20 lbs. Distilling.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Clear and pleasant. Light airs from S and W. At 6.20, hove up port anchor and shifted berth. Hove up stream anchor. At 8, sent up topgallant masts and loosed sail. Fires banked in four boilers. Average steam pressure 40 lbs. Temp of bunkers 100°. Distilling.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant, with light breeze from E. by S. Lieut. J. T. Sullivan left the ship to take passage in the "City of Muisla" for New York, having been condemned by a medical survey. At 11.15, hove up port anchor and stood down the coast towards Island of Sacrificioe. At end of watch, steaming with four boilers. Steam pressure 60 lbs. Temp of bunkers 105°.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant. Light breeze from E. At 12.10, came to anchor off the Island of Sacrificioe. Let go port anchor and veered to 45 fathoms chain. Let go starboard anchor and veered to 30 fathoms chain, hove in to 30 fathoms on port chain. Carried out stream anchors to S, with 45 fathoms on stream chain. Bearings from anchorage. N.W. end of Pajanol Island N (pc). S end Sacrificioe S.E. by E.1/2(pc). Ships head E. Fires banked in two boilers. Steam 19 lbs. Temp of bunkers 95°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant. Moderate breeze from S.E. by E. Veered to 30 fathoms outside hawse starboard chain. Bright moonlight latter part. Fires banked in two boilers. Average steam 20 lbs. Temp of bunkers 90°. Distilling.

(Signed) Wainwright Kellogg
Lieut.

From 8 to Midnight. Clear and pleasant. Light breeze from S and W, gradually hauling to W. Bright Moonlight. Fires banked in two boilers. Average steam 20 lbs. Temp of bunkers 100°. Distilling.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

			WIND	S.	BAROMETER.		Т	TEMPERATU		State			State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
	ш									S.		2.07		
A,M			NW by								Cir			
1			W	2	30.04	74	73	71		bc	Cum	8		
2			WSW	и	ш	72	70	69		и	ш	9		
3			ш	1	и	70	69	68		и	и	и		
4			ш	1-2	и	и	"	"		и	и	и		
5			ш	"	и	и	70	69		и	Cir	и		
6			ш	1	30.06	u	72	71		ш	None	10		
7			ш	0-1	30.06	71	73	72		и	Cir Cum	9		
8			Calm	0	30.8	и	"	73		44	и	u		
9			S	1	u	73	74	u		44	и	u		
10			S by E	u	u	74	"	74		44	и	u		
11			u	u	30.04	и	75	75		и	u	u		
Noon ·			ш	2	30.02	75	76	"		ш	Cum	u		
Distance run			eding Noon						k	nots		fathoms		
Latitude by [0			"	
Longitude by			_							0			"	
Latitude by 0				O						0				
Longitude by										-			-	
Current durin	-		knots		fms. per	nour, se	etting to	tne		0		u	"	
Variation of t										0			"	
Variation of t														
Water exper		-	ceaing 24 no			041							allons	
Water	Conder			_	the preceding	24 noui	rs					365		
Water remai	-											2519	,	
Coal consun				urs						104	tons	1485 1100	lbs.	
Coal remain	ing on n	ianu at 1900	11							104		1100		
PM														
1			E	2	29.98	76	78	76		bc	Cum	9		
2			"	"	29.96	77	80	"		44	u	"		
3			u	2-5	29.92	78	"	77		44	u	и		
4			ш	u	29.90	и	78	76		44	и	u		
5			ш	3	ш	77	77	u		44	и	u		
6			E by N	2	ш	76	"	75		44	и	u		
7			"	u	29.92	и	"	u		44	None	10		
8			"	u	29.94	и	"	u		44	ш	u		
9			"	1-2	ш	и	"	u		44	ш	u		
10			ESE	1	29.96	u	"	76		4	Cum	9		
11			u	u	и	u	"	"		4	ш	u		
Mid.			ш	ш	29.97	u	"	74		ш	"	u		
Longitude by	y Chrono	ometer fron	Afternoon	Observat	tions ⊕					0			"	
Longitude by	y Chrono	ometer Obs	ervations]	l		0		•	"	
Variation of t	the Com	npass by Ar	nplitude		ol	oserved	at Suns	et		0		4	u	
Variation of t	the Com	npass by				at				0		•	и	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, with light breeze from S and W. Bright moonlight. Stopped distilling at 3.

(Signed) Wainwright Kellogg
Lieut.

From 4 to 8 A.M. Clear and pleasant. Light W[ester]ly airs. Received fresh provisions for use of crew. At 8, sent up topgallant masts and light yards.

(Signed) J.K. Cogswell Lieut.

From 8 to Merid. Clear and pleasant. Light airs from S and E. At 9.35 inspected at quarters. Exercised 1st and 2nd Divs at great guns, Marine Guard at small arms. Received three cords of wood in Department of Equipment. Let fires die out in two remaining boilers. Lowered smoke stack. Temp of bunkers 100°.

(Signed) Sam. C. Lemly Ensign.

From Merid. to 4 P.M. Weather clear and warm. At 1 exercised boat crew at their duties in arming and equipping. Quarterly Board of Survey condemned 16 lbs of butter. Carpenter gang engaged in paying the seams of poop deck. Painted gig.

(Signed) J. K. Cogswell Lieut.

From 4 to 8 P.M. Clear and pleasant. Light airs from E. At 5.30, American Steamer "City of Mexico" got underway and and stood out to sea. At 5.40, moon rose. At sundown, sent down topgallant masts, royal and topgallant yards. Temp of bunkers 88°.

(Signed) Sam. C. Lemly Ensign.

From 8 to Midnight. Clear and pleasant. Light airs from the E. Bright moonlight. Temp of bunkers 78°.

(Signed) J. K. Cogswell Lieut.

Asa Walker, Lieut. Navigator.

			WIND	3.	BARG	OMETER.	Т	EMPERAT	MPERATURE.		Forms of	Zear Oths.	State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	State of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
ž	E.									S.		۵۵		
A,M														
1			Calm	0	29.96		75	74		bc "	Cum "	9		
2			W "	1		74 "	74 "	70						
3					29.95						None "	10		
4											Cir			
5			NW	"	29.97		"	ű		ű	Cum	9		
6			N	u	29.99		75	u		"	и	u		
7			ш	u	30.00		"	u		и	и	"		
8			"	u	30.02		u	и		и	ш	u		
9			ш	u	30.03		77	70		и	и	u		
10			u	u	30.02		"	u			"	"		
11 Noon			ENE "	ű	и	"	78	u			"	"		
			u	u	30.00	77	u	u		и	ш	u		
Diotonoo run	by Log	ainaa nra	aadina Naan						L	noto	4	athomo		
Distance run Latitude by D	-		cealing Noon						r	nots	,	athoms		
Longitude by D										0			и	
Latitude by O			oon ⊕							0			и	
Longitude by				Observat	ions ⊕					0			ш	
Current during			knot			r hour, se	ettina to	the						
Variation of th	-						zung to			0	"		и	
Variation of th										0	"		и	
Water expend												247 c	allons	
Water		3 - 1	J		the precedin	g 24 hou	rs					2272		
Water remain	ing on	hand fit fo	or me at Nooi	_	·	•							"	
Coal consum	ed duri	ng the pre	eceding 24 ho	ours							tons	935	lbs.	
Coal remainir										104	"	165	u	
PM														
1			E	2	29.97	78	80	78		bc	Cum	9		
2			"	u	29.96	"	"	u		u	"	"		
3			"	u	29.95	и	44	u		ш	и	"		
4			ш	3	29.93		"	u		ш	и	"		
5			ENE	2-3	и	"	79	77		ш	Cir	"		
6			u	2	и	u	78	76		44	Cir cim	"		
7			u	u	29.94	77	77	77		44	Cum	"		
8			"	u	29.96		"	76		44	ш	"		
9			"	u	29.99		44	75			"	u		
10			"	1	30.00	и	76	"			"	8		
11			"	u	и	u	"	u		44	ш	4		
Mid.			и	u	30.01	ш	u	u		ш	ш	u		
Longitude by				Observa	tions ⊕					0	٤		и	
Longitude by]			0	,		"	
Variation of the			Amplitude		•	observed	at Suns	et		0	,		"	
Variation of the	ne Com	npass by				at				0	•		"	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, damp and pleasant. Light W[ester]ly airs. Calm first part. Gave John P. Marker (I.C.B.) an extra mid watch, by order of Commanding Officer. Temp of bunkers 86°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 A.M. Clear. Pleasant. Light W[ester]ly breeze. At 8 sent up topgallant masts and light yards. Temp of bunkers 88°.

(Signed) Richard G. Davenport Lieut.

From 8 to Merid. Weather warm and pleasant. Light airs from N. At 9.30 inspected at quarters and exercised 1st Div. at single sticks and signals. 2nd Div. at great guns and Powder Div. at facings. By order of Commanding Officer, declared R. J. Hamilton (O.S.2 C.) a deserter, be having been absent ten days without permission. Carpenters gang engaged in paying the seams of poop deck.

(Signed) J. K. Cogswell Lieut.

From Merid. to 4 P.M. Clear. Warm. Light E[aster]ly breeze. Cumulus clouds. Carpenters gang engaged in pitching seams on poop. Temp of bunkers 76°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 P.M. Pleasant weather, clear. Light breeze from E. Quarterly Board of Survey condemned and threw overboard one barrel of salt beef. Sent down light yards at sunset. Moon rose at 7.

(Signed) J. K. Cogswell Lieut.

From 8 to Midnight. Clear. Pleasant. Light E.N.E. breeze, Cumulus clouds passing to W. Bright moonlight. Cloudy latter part watch. Temp of bunkers 76°.

(Signed) Richard G. Davenport Lieut.

Asa Walker, Lieut. Navigator.

			WINDS	S.	BAROM	ETER.	T	EMPERAT	URE.	State	Forms of		State	
Hour.	ø	Courses steered.	Direction.	Force.	ke Height	Ther.	Air	Air	Water	of the Weath	Clouds, by symbols.	o, of Clear , in 10ths.	of the	Record of the sail the vessel is
Knots.	Fathoms.				Height in inches.	att'd.	Dry Bulb.	Wet Bulb.	at surface.	er by symbol s.		Prop. c Sky, in	Sea.	under at end of watch.
										٥.				
A,M 1			Calm	0	30.00	78	77	76		bc	Cum	2		
2			"	"	"	"	"	"		"	"	"		
3			ш	ш	29.98	"	"	и		"	u	9		
4			ш	44	"	77	75	75		"	ш	1		
5			W	2	и	73	73			44	Cir	3		
			vv 	<u>~</u>	и		13	73 "			Cum "			
6					u	74		u				5		
7			u	и	и	75 "				u	"	6		
8 9			N	и	29.99	76	74 75	74 "		u	и	9		
10			E	ш	29.99 "	77	77	75		44	и	u		
11			"	66	30.00	78	78	76		"	u	"		
Noon			и	66	30.00	"	"	"		"	u	"		
					30.01									
Distance run I	by Log	since prece	eding Noon						k	nots		fathoms.		
Latitude by D.	. R. at I	Noon								0			и	
Longitude by	D. R. a	t Noon								0			и	
Latitude by O	bserva	tions at No	on ⊕							0			и	
Longitude by	Chrono	ometer from	Forenoon (Observatio	ns ⊕					0		•	и	
Current during	g the tir	me	knots	;	fms. per	hour, se	tting to t	the						
Variation of th					Sunrise					0		ш	и	
Variation of th	ne Com	pass by Az	imuth ⊕ obs	erved at						0		ш	u	
Water expend	ded dur	ing the pre	ceding 24 ho									257 g	allons	
Water					ne preceding	24 hour	s						и	
Water remain	-											2015		
Coal consume				urs							tons "	275	lbs.	
Coal remainin	ng on n	and at Noo	n							103	_	2100	-	
PM														
1			E by	2	29.96	78	79	77		bc	Cum	9		
2			S "	"	29.94	"	80	78		ı	ш	"		
3			E	44	"	79	87	79		u	Cum	u		
			"	"	00.00	"	"	"			Str "	"		
4 5			"	u	29.93 29.89	"	80	78			"	u		
6			и	u	29.09	78	79	77		u	и	u		
7			"	44	ш	"	"	"		u	и	u		
8			"	44	и	77	78	76		ıı	u	"		
9			и	1-2	29.93	78	79	"		u	Cum	"		
			E by		"	77	78	u		ıı	"	5		
10			S			"	/8 "	и			u			
11			ESE	0-1	29.94						Cum	4		
Mid.			ш	1	ш	"	77	и			Nimb	6		
Longitudo	Chror	motor for	Afternoon)haa=:=t'-	no (1)					0			u	
Longitude by				Juservatio	1115 (±)		,			0		4	"	
Longitude by Variation of th					o.h	earred] at Suns			0		,	"	
Variation of th			iipiilude		OL	at	at JuliSi	C.		0		,	"	
variation of th	ic Cull	ipass by				ai								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and calm. Cumulus clouds. Heavy dew first part of watch. Temp of bunkers 80°.

> (Signed) J. K. Cogswell Lieut.

From 4 to 8 A.M. Cloudy first hour of watch, clear and pleasant latter part. Light breeze from W. Temp of bunkers 80°.

> (Signed) Wainwright Kellogg Lieut.

From 8 to Merid. Clear. Warm. Light E[aster]ly breeze. At 9 A.M. cleared whip for action. General Quarters. Called away all boats armed and equipped, when the Commanding Officer made an official inspection of the ship.

Time General Quarters.

Cast loose 9h	12m 10sec A.M.	Secure 9h 54m 30sec A.M.
Marine Guard	1m[inute] 30s[econds]	Marine Guard
Masters Div.	1m 20s	Masters Div. 5m 36s
Powder "	2m 50s	Powder " 4m 00s
2 nd "	2m 00s	2 nd " 6m 36s
1 st "	3m 10s	1 st " 7m 35s
Engineers "	1m 50s	Engineers " 2m 03s
	Boa	s armed and equipped-

1st cutter 2m 20s. Whale boat 3m 30s. 2nd Cutter 3m 50s. Gig 4m 00s. Launch 7m 50s. Temp of bunkers 80°.

> (Signed) Richard G. Davenport Lieut.

From Merid. to 4 P.M. Clear and pleasant, with light breeze from E. Temp of bunkers 78°.

(Signed) Wainwright Kellogg

Lieut.

From 4 to 8 P.M. Clear. Pleasant. Light E[aster]ly breeze. Cum str clouds. Patrick Mously (I.C.B.) and W. J. Hasson (I.C.B.) 1 hour extra duty, by order of Commanding Officer. Temp of bunkers 78°. Very heavy dew.

> (Signed) Richard G. Davenport Lieut.

From 8 to Midnight. Clear and pleasant first hour, afterwards cloudy. Bright moonlight. Temp of bunkers 80°.

> (Signed) Wainwright Kellogg Lieut.

> > Asa Walker, Lieut. Navigator.

			WINDS	-	BAROM	ETER.	Т	EMPERAT	State		Forms of		State	
Hour.	Fathoms.	Courses steered.	Direction.	Force.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.	of the Weath er by symbol	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the Sea.	Record of the sail the vessel is under at end of watch.
Knots	Fat									s.		S. P.		
A,M											0			
1			S	3	29.92	76	76	76		bc	Cum Str	9		
2			u	"	ш	"	"	"		"	ш	u		
3			u	44	и	u	44	u		и	ш	и		
4			u	2	ш	и	44	и		и	и	и		
5			SW	1	и	74	75	74		of	ш	0		
6			u	ш	и	и	44	"		44	ш	и		
7			и	1-0	и			"		bcf		"		
8						"	44	u		bo	Cum Cir	2		
9			SSE	44	29.96	76	79	76		44	Cum	7		
10			ESE	1	29.94	78	81	79		"	ш	8		
11			E	2	и	"	80	"		и	и	9		
Noon			ENE	44	29.95	79	81	и		и	ш	и		
Distance run b	hy Loa	since pre	coding Noon						L	nots		fathoms.		
Latitude by D.			ccuing 1400m						r	0	,	iatiioiiis.	"	
Longitude by I										0			"	
Latitude by Ot			oon ⊕							0	,		"	
Longitude by				Observati	ons ⊕					0			"	
Current during			knots		fms. per	hour, se	etting to	the						
Variation of th	e Com	npass by A	Amplitude ⊕ o	bserved a	at Sunrise					0		4	"	
Variation of th	e Con	npass by A	Azimuth ⊕ obs	served at						0	4		"	
Water expend	led du	ring the pr	eceding 24 ho	ours								252 g	allons	
Water				during	the preceding	24 hou	rs						и	
Water remaini	ing on	hand fit fo	or me at Noon									1765	"	
Coal consume	ed duri	ng the pre	eceding 24 ho	urs							tons	275	lbs.	
Coal remainin	ig on h	and at No	on							103	"	1855	44	
D14														
PM 4			E by N	2	20.06	00	00	70		h.a	Cum	0		
1 2			E by N E 1/2 N	2	29.86 29.84	80 79	80 81	79 "		bc "	Cum "	9		
3			" " " " " " " " " " " " " " " " " " " "	3	29.83	"	83	и		ш	ш	u		
4			ш	"	29.82	u	81	и		4	и	u		
5			E by N	"	29.83	u	80	78		ш	Cir	u		
6			E	u	29.81	78	79	"		4	Cum "	7		
7			"	"	29.81	"	"	ш		"	и	8		
			E h 0	ш		"	"	"		ш	Cum	"		
8			E by S	и	29.84		70			"	Str	0		
9			E by N			77	78 "	77		"	Cum "	9		
10			C.E.	1	u		"	"		"		7		
11 Mid			SE SSW	0-1 2	29.85	"	"	"		"	и	9		
Mid.			3377	۷	29.00									
Longitude by	Chron	ometer fro	m Afternoon	Observati	ions ⊕					0			u	
Longitude by]			0		4	"	
Variation of th					ob	served	at Suns			0			u	
Variation of th					0.0	at		-		0		•	u	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear. Pleasant. Light S[outher]ly breeze. Cum str clouds. Bright moonlight. John P. Marker (I.C.B.) stood four hours extra watch, by order of Commanding Officer. Heavy dew. Temp of bunkers 80°.

(Signed) Richard G. Davenport Lieut.

From 4 to 8 A.M. Foggy, with light S.W[ester]ly airs clearing up last hour. Temp of bunkers 76°. Walter C. Blake (Mach) reported the expiration of his term of service.

(Signed) Sam. C. Lemly Ensign.

From 8 to Merid. Clear and pleasant, with light breeze from S and E, shifting to N and E. Engaged in cleaning ship. Temp of bunkers 78°.

(Signed) Wainwright Kellogg
Lieut.

From Merid. to 4 P.M. Clear and pleasant, with light breeze from N and E. Barometer falling. Sold effects of R. J. Hamilton (O.S. 2C.) deserter, amounting to \$3.25c. Temp of bunkers 80°.

(Signed) Sam. C. Lemly Ensign.

From 4 to 8 P.M. Clear and pleasant, with light breeze from E. Temp of bunkers 80°.

(Signed) Wainwright Kellogg Lieut.

From 8 to Midnight. Clear and pleasant. Light variable airs. Moon rose at 8.55. Bright moonlight. Temp of bunkers 76°.

(Signed) Sam. C. Lemly Ensign.

Asa Walker, Lieut. Navigator.

LOG of the UNITED STATES STEAMER "ESSEX", 3rd Rate, 6 Guns,

				WINDS.			BAROMETER.			TEMPERATURE.		State	e Clouds, by	Stal Stal	State of		
Hour.		JS.	Courses steered.	Direction.	Force.	Leeway.	Height	Ther.	Air	Air Wet	Water	of the Weath	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	of the	Record of the sail the vessel is	
	Knots.	Fathoms.				PA .	in inches.	att'd.	Dry Bulb.	Bulb.	surface.	er by symbol s.		Prop. Sky, ii	Sea.	under at end of watch.	
A,M																	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
Noon																	
Distan	ce run b	y Log	since prec	eding Noon							k	nots		fathoms.			
Latitud	le by D.	R. at I	Noon									0		•	"		
Longit	ude by [D. R. a	t Noon									0		•	"		
Latitud	le by Ob	serva	tions at No	on ⊕								0		•	"		
Longit	ude by (Chrono	ometer fron	n Forenoon Ob	servati	ions 🕀)					0		•	"		
Currer	nt during	the ti	me	knots		f	ms. per l	hour, set	ting to t	he							
Variati	on of th	e Com	pass by A	mplitude obs	erved a	at Sur	nrise					0	•	и	"		
Variati	on of th	e Com	pass by A	zimuth ⊕ obse	rved at							0	•	и	"		
Water	expend	ed dur	ing the pre	ceding 24 hou	rs									g	allons		
Water					during	the pr	eceding	24 hours	3						u		
Water	remaini	ng on	hand fit for	me at Noon											"		
				ceding 24 hour	s								tons		lbs.		
Coal re	emainin	g on h	and at Noc	on									ш		44		
PM																	
1																	
2																	
3 4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
Mid.																	
Longit	ude by (Chrono	ometer fron	n Afternoon Ob	servat	ions 🕀)					0		•	"		
			ometer Obs]			0			"		
Variati	on of th	e Com	pass by A	mplitude			ob	served a	t Sunse	et		0		•	u		
Variati	on of th	e Com	pass by					at				0		4	44		

under the command of , U. S. Navy. , 18.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

U.S.S. Essex 3rd Rate Vera Cruz, Mexico March 31st, 1877

I certify that this is a true copy of the log of this ship from Oct. 3rd 1876 to March 31st 1877 inclusive.

Asa Walker,
Lieut. Navigator.

Approved

W. S. Schley Comd. Comdg.

Examined and found to be correct

Navigator.